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HANDBOOK

for

GARDEN AND

ORCHARD



BEATRICE NURSERY

BEATRICE, NEBRASKA

Beatrice is the site of the First Homestead in U.S.



A Nebraska home garden. It owes its charm and success to our hardy stock, accustomed to hot summers and cold winters. The tall tree in the picture above is the Bolleana Poplar Page 23. The tree at lower right is the Hopa Red flowering Crab page 26, as hardy as it is beautiful.

Everything
listed in this book
Prepaid

You have no shippingcost.

Safe delivery guaranteed

Index Page 5



Plant hardier Roses, for lasting Beauty

Everblooming

the outstanding prize-winners

All our roses are Northern California grown selected for strong roots and good blooming size branches. They are sure to bloom in your garden throughout the first summer, and for many years to come.

A silvery-pink very large rose, very fragrant and long pointed buds, an excellent cut-flower. Should be in every rose-garden.

5060 — Hinrich

Gaede Bright vermillion-gold, one of the finest two-toned roses, in fine form, fragrant, showy in the garden and bouquet.

5043 — Poinsettia

Rich scarlet with a velvety texture, with long buds on good stems for cutting. The plant is a strong, erect grower.

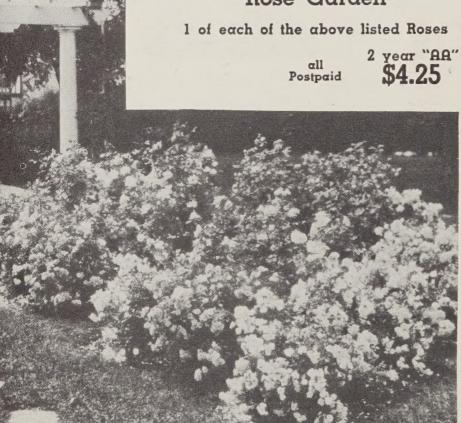
ture Long-lasting buds of beautiful form, very double, rich yellow. A vigorous grower, with long, strong stems.

5 0 4 4 — Snowbird

Most freely blooming new white rose, a fine double rose perfectly shaped. Sure to please.

The 5 roses above are available only in heavy 2 yr. AA grade.

5263 "Big 5" Rose Garden



5041 — The Doctor 5061—Golden Rap- 5040 — Golden

Dawn Bright yellow, nicely double and pleasantly fragrant, blooms very freely. Foliage shiny-green like holly-leaves.

5001 — Pink Radi-

ance Bright rosy pink, very fragrant, of the well known, large Radiance type. A healthy, vigorous rose.

5037 — Etoile de

Hollande Bright red, very fragrant, and freely blooming, with a good clean foliage. Also available as Climber, see page

5051 — Frau Karl

Druschki Also known as the Snowqueen, the hardiest of the white Everbloomers, very large, fragrant flower on long stems, for

5036 — President

Hoover Copper-red a brilliant blend of 5 color-shades on long stems, fragrant very double, and of large size.

5002 — Red Radi-

ance Cherry-red, a splen-did rose, highly tragrant. Flowers of the large very double Radiance type, and a healthy hardy grower.

Sextett Collection

One of each of the 6 roses listed above

5252—all 2 year "A" Roses only

A big rose-garden for a little money



NURSERY

Roses

of the year

Prices

all varieties except patented roses, quoted otherwise

2 year "A", sure-blooming 80c each; 3 for \$2.25

2 year "AA", extra strong
\$1.00 each; 3 for \$2.70
postpaid
safe delivery guaranteed

Everblooming Floribunda - Roses

These Dwarf to medium size roses bloom continually all summer and fall. They are largely used for borders, planted about 20 inches apart, and in cemeteries. Need a mulch of leaves for the winter, where sub-zero weather is expected.

5047—Else Paulsen Large clusters of bright rosepink blossoms on long stems. Often used for cutting.

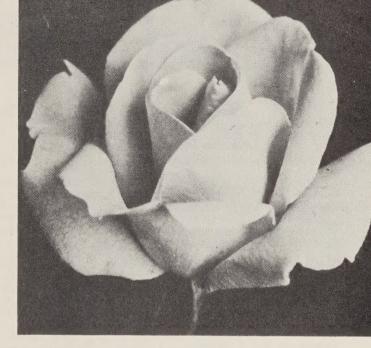
5065—White Lafayette The pure w h i t e blossom-clusters practically cover the plant. A favorite for cemetery planting.

5052 — Floradora Neat cup-shaped flowers in great sprays are of bright red color with scarlet spots, over a glossy-green foliage.

Floribunda Garden

One of each of the 3 roses above \$2.15

safe delivery guaranteed



Snowbird (page 2)
New Patented

Sub-Zero Roses

This entirely new strain of roses combines the continuous blooming of the best Everbloomers, with a strong vigorous growth, and great hardiness. Only where the winters will be colder. than 12 below Zero, would a mulch of straw, leaves or soil be needed.

5129—V for Victory, Pat. No. 543 Very large double yellow rose, on long strong stems, fragrant, a fine cut-flower. **Each \$1.75**

5126—Pink Princess, Pat. No. 459 The dainty red buds open up to deep rose pink flowers, with a light copper shading. Healthy clean foliage. **Each \$1.75**

5127 — Shades of Autumn,

Pat. No. 542 A wonderful color combination of scarlet, deep rose, and golden yellow. Each \$1.75

Shrub Roses see page 36

HOW TO PLANT ROSES

Have holes dug large enough to give plenty of room for the roots of our two-year Roses. Use ordinary garden soil to fill in around roots (no fertilizer added). Water well, have 2 inches of soil over the root crown (called the bud). Then bank up 8 inches of soil to keep the stalks damp and cool until Rose is started (2 or 3 weeks). Cut canes back to 10 inches from ground. For winter protection of Hybrid Tea and Dwarf Roses follow same method of banking up in late fall, and cuting canes back in the spring.

5094 — Gruss an
Teplitz A strong, tall growing bush, reaching a height of 4 feet, and a most continuous bloomer, from spring until late fall. Flowers of bright Cherry Crimson. A great show in your garden, but not so good for cutflowers. Needs winterprotection in the extreme North. Price same as listed upper left.

Climbing Roses

5134—Paul's Scarlet Double, intense scarlet roses of excellent shape and size appear in great abundance. Has two to three full blooming seasons per year. This is undoubtedly one of the best liked roses for any trellis work.

5135—Primrose - Yellow The frag-rant double flowers are of a rich yellow that will not fade, and almost cover the branches to the top. In the extreme North all climbing roses should be layed down over winter for protection.

5131 — Climbing American

Beauty Bright rose-red fragrant flowers, appearing in great abundance. An old favorite and still a leader.

5132—Dr. Van Fleet - Pink This is an extra strong grower, for large arbors or trellis work. The flowers are quite large, and of a showy pink.

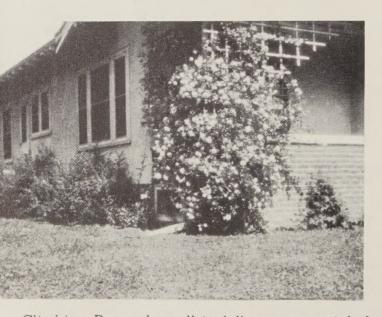
Prices of above roses

2 year "A", will bloom first year 75c each; 3 for \$2.10 2 year "AA", extra strong, select 90c each; 3 for \$2.50 postpaid—Safe delivery guaranteed.

5217—Collection

l each of the 4 roses above "A"

postpaid



Climbing Roses do well in full sun or partial shade. "A" for only \$2.30 postpaid.



. . . there is no place like home . . . and a few plants can make it even more lovely.

H. T. Climbers

Like the bush roses of the same varieties, they bloom all summer and fall.

5102—Cl. Etoile de Hollande Very double, rich crimson-red, a very choice climbing rose.

5106 — Cl. Mrs. P. S. Du

Pont A fragrant, deep golden yellow flower, full double, blooms most

5105—Climbing Talisman

The famous two-tone scarlet and copper rose, in climbing form.

Price of above 3 roses:

2 year "A" 85c each; 3 for \$2.40 2 year "AA" \$1.00 each: 3 for \$2.75

5213 Collection 1 of each of above 3 roses, 2 year

DECITE NURSERY



The trade-mark of hardier stock

Good News

for our customers

Everything in this book is priced prepaid to your station

No extra cost for shipping, no Sales tax. Just catalogue price,

not a Cent more.
You will save up to one-third on shipping charges. Because we now ship to you from centrally located shipping points; we have slashed catalogue and advertising cost in half. These savings are passed on to you, in form of shipping charges being paid by us.

The Beatrice Nursery is an organization of several growers, and Old-Timers in the Nursery business who have been associated for many years with the former Sonderegger Nurseries. For special stock, which is not or cannot be grown here, we have the direct assistance of America's foremost producers of

nursery stock.
Your orders are now assembled and shipped from production fields in various places. This enables us to get the stock to you field-fresh, and at the proper times for the various types of stock. This is a great improvement over the former method of shipping all types of nursery stock in one shipment. Your order, large or small, will receive our prompt, and most careful attention.

> Yours, for Trees and Seeds that grow BEATRICE NURSERY Paul Baier, Mgr.

TERMS:

Guarantee All shipments are guaranteed to reach you in first-class condition. Replacements are furnished free if a tree or shrub is not in satisfactory condition upon arrival, and if you notify us promptly. Stock that dies during the first growing season is replaced at one-half of the regular price. Claims, however, must reach us before October

Stock True to Name All Our trees and plants are carefully labeled, and are true to name. However if there should ever be an error founds in the filling of an order, any tree or plant that is not true to name shall be replaced without any cost, or refund of purchase price shall be made. Claims to be sent in within 6 years from date of delivery.

Remittances Money orders and bank drafts are absolutely safe to mail in a letter. Personal checks from any of our friends and customers are also accepted. Cash should be sent by registered letters only; it is not

safe to send cash in ordinary letters.

We do not furnish nursery stock, plants, bulbs or seeds collect on delivery. Please do not ask for C.O.D. shipping.

Prices This garden book and prices therein quoted cancel all former price lists or quotations. All prices quoted in this book are subject to change without notice after June 1, 1950.

Disclaimer on Seeds So that all our efforts can be concentrated on the distribution of better trees and plants, we will have your seed order filled and shipped by the most efficient and dependable seed house of the Mid-West. However, we are compelled to make all seed sales under the following disclaimer: The Beatrice Nursery gives no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds they sell, and will not be responsible for the crop. Every reputable seed house is using this same disclaimer.

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(except Dwarf Apples page 9 and Quintuplet Apple page 7)

Order	each v	variety by number			
			1-3	4-7	8 or more
			Each	Each	Each
3 to	4 ft.	partly branched	\$.65	\$.55	\$.50
4 to	5 ft.	3 year roots 2 yr. stems.	90	.75	.70
5 to	6 ft.	extra choice trees	1.15	.95	.85

All shipping charges paid by us. Safe delivery guaranteed.

WINTER APPLES LATE

These apples ripen late, and keep well, most of them until spring. From many years of experience we have a selection of satisfactory varieties.

6108—Delicious, Double Red

The special dark red color develops early in the ripening season, permitting the apple to be picked while hard-ripe for extra long keeping. Large size, fine flavor, and being a great favorite with the public, put Delicious on first place with market growers. Successful everywhere except extreme North, where ripening seasons are too short.

6107—Delicious, Yellow Large, goldcolored apple, possessing a rich flavor, with very little acid, The tree bears very young, gives excellent results wherever planted, except in the extreme North. Should be in every or-chard. Ripens October 1.

6118 — Northwestern Green-

Very large apple, greenish yellow, good quality and long keeper. One of the very best baking apples. Vigorous grower; also successful in the North.

6111—Red Rome Beauty Large, round, red; good flavor and quality; very nice appearing apple. Recommended for the East, Southwest and Pacific areas. Not so good in the Mid-West. Blooms late, ripens October 1.

6116—Jonathan, all-Red The Jonathan, but specially selected for high color. Fine texture, juiciness and the wonderfully refreshing flavor of Jonathan are unsurpassed by any other apple. Hardy anywhere except extreme North; extra good for the Corn Belt states. Jonathan must be in every orchard.

6104—McIntosh, Red Fresh clear white, very pleasantly flavored. Large red apple, very popular in the Eastern states and the Mid-West. Ripens end of September.

Ripens in late September.

6101—Crimson Winesap Small to medium size, dark red colored; a fine juicy, tasty little apple for home use. Keeps very long. A healthy grower and good producer. One of the oldest apples, and still an apple everyone en-joys. No home orchard is complete without it. October.

6112 — Stayman's Winesap

Large, solid deep crimson colored apple. Quality excellent for dessert and cooking. Keeps well, reaching peak of quality in January. Originated by Dr. Stayman, of Leavenworth, Kansas. A fine apple for the East and Mid-West Rippers early October. West, Ripens early October.





Trees grown in the North, without artificial irrigation, means stronger, hardier trees, and orchards that pay off in big profits.

FALL APPLES

6119—Anoka Yellow, streaked red; very hardy and productive; bears very young. Originated by Prof. N. E. Hansen; nothing better could be said for the quality of hardy fruits.

6106—Cortland Large red apple. You will like it fresh from the tree. Hardy as far north as fruit can exist, and a good bearer.

6103 — Grimes Golden. Sweet, combines a rich aromatic flavor with an attractive golden yellow color. It is one of the oldest apples in America, and is hardy as far North as Central Iowa and Nebraska.

6105—Wealthy Medium to large apple, mostly covered with red, fine grained, juicy; a good eating, cooking and drying apple. Perfectly hardy; a very important variety in the North. You will like every feature of the Wealthy.

Planting Instructions

Plant Apples 30 by 30 feet apart, or plant 35 by 35 feet apart, and plant filler trees between each two apple trees. For filler trees we recommend Plums, Cherries, Dwarf Pears and Peach trees. These fillers will give you an early income from your orchard, and can be removed when the apples require all the space in later years.

Plant Apple trees about 2 inches deeper than grown in the nursery. This puts the bud (or graft) just above the roots about 1-inch below the surface of the soil, which is just right. Cut the ends of all roots smooth with a sharp knife, making a slanting cut. This applies to all trees and shrubs, and stimulates the formation of new roots.

SUMMER APPLES

Hardy everywhere; hardier than any other apples, and producing quite young and heavy. However, the fruit of early apples does not keep very long. So, in the home orchard, plant only two or three of them. But near a large city you will find a very profitable market for early apples.

6102 — Duchess, Red Highly coltractive cooking and pie apple, in late July and early August.

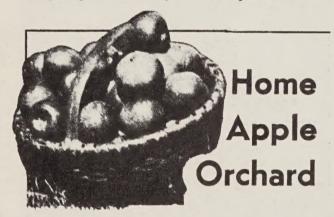
6123 — Red June Medium size, red base with yellow. Flesh white, tender, slightly sub-acid. Good eating and cooking apple. Succeeds anywhere.

6113 — Yellow Transparent

Most popular of all early apples. Fair size, tender, juicy, not very sour; a good fresh apple or for cooking.

6124—Whitney - Sweet Crab

Green with red stripes. A handy size for the children, and a good sweet summer apple for home use. Ripens here in August. The home orchard is not complete without it. If you don't have a Whitney now, let's not waste another year, plant one this spring and have fruit—plenty of fruit—in just a few years.



1 tree of each

RED DELICIOUS
WEALTHY
YELLOW TRANSPARENT
RED JONATHAN
WHITNEY CRAB

6157 6159

all 5 trees all 5 trees 5 to 6 ft.

\$2.65 \$4.25

All shipping charges paid to your station. Safe delivery guaranteed.

QUINTUPLET APPLE

This tree satisfies the desire of many home gardeners who like a variety of apples but do not have the space for more than one tree. It is an interesting tree to have in the garden, and will reward you well for the space you give the tree and the little work of planting. Many of our customers have asked for this multi-variety apple tree, so here it is, in a firstclass, strong, healthy quality.

Combined to produce apples from early to late, for three months. It will bear Jonathan, Wealthy, Yellow Transparent, Red Delicious

and Crimson Winesap.
Strong 3-year-old trees, heavy stems and stout crown, each, \$2.95, Prepaid.

PLEASE NOTE

Every tree, shrub or plant in this book is quoted **Prepaid.** We pay the Postage or Express. No additional cost to be added for transportation. This has been made possible by relocating our shipping point. Most of our trees and plants will be forwarded from the Mount Arbor shipping center. However, our business is as in the past at Beatrice, Nebraska. Address all letters and orders to Beatrice, Nebraska. We can give you better faster service, and most certainly can save you up to 40% on shipping costs.



Young bearing, special hardiness, are some of the extra qualities you get in our trees. And you can have them in one of the largest assortments ever offered.

SPRAY GUIDE FOR APPLES AND PEARS

In localities where apple and pear trees suffer from insect or disease attacks, successful orchardists follow the spray schedule below. This will keep the fruit clean. The remedies used are Sherwin-Williams products, obtainable from your druggist.

PESTS	WHAT TO USE	Tablepsoon- fuls to l Gallon Water	WHEN TO SPRAY OR DUST
San Jose and Oyster Shell Scales and Blister-Mite. European Red-mite	Dry Lime- Sulphur Spra-Mulsion .	9 to 11	When the trees are dor mant.
Bud Moth, other chewing insects Scab	Dry Lime- Sulphur and Arsenate of Lead and Hydrated Lime	3 2 2 ¹ / ₂	When the blossom buds begin to show (The pre-pink spray, where the buds are in the "Cat's-Paw.") The pink spray—just before the flowers open.
Codling Moth, Curculio, Bud Moth Scab, and 'Frog Eye''	Dry Lime- Sulphur and Arsenate of Lead and Hydrated Lime	2 2 2 ¹ / ₂	3. At the fall of the petals (Calyx Spray). 4. Ten days to two weeks later. 5. Three weeks after the Calyx Spray. 6. Four weeks after the Calyx Spray.
Second-Brood Cod- ling Moth	Arsenate of Lead	2	Approximately ten weeks after the fall of the petals.



"Homesteaders"

Ripening from July to October

I BARTLETT 1 KIEFFER 1 DOUGLAS

(See page 10 for descriptions)

6270

6271

all 3 trees 3 to 4 ft. size all 3 trees 5 to 6 ft. size

\$2.75

\$4.75

Prepaid to your station.

for quick crop

on a small space

plant

DWARF PEAR TREES

The espalier form of pear trees. Due to a different type of roots on which they are budded, these trees will grow only about 12 to 15 feet high and can be planted 18 to 12 feet apart. Ideal in the small garden, and a further advantage: dwarf trees begin to produce one to two years after planting. The fruit is exactly as that of standard pears, and we can supply the following varieties in dwarf tree form:

6215-Bartlett

6217—Kieffer

3 to 4 ft. very nice trees \$2.50 each; 4 or more for \$2.40 each; prepaid.

DWARF APPLE TREES

For the home-garden, where space is limited. These trees can be spaced 12 or 15 feet apart. Produce very young and abundantly, require no special care, being hardy anywhere except North of the Corn-belt. We can supply the following apple varieties in Dwart trees:

6145—Red Delicious prepaid 6147—Red McIntosh safe delivery 6149—Red Jonathan guaranteed Nice 2 year old trees 3 to 4 ft. tall

\$2.50 each; 4 or more for \$2.40 each.

6429—QUINCE

This tree grows in Dwarf shape to an ultimate height of about 10 feet. The small, dark green leaves and dense branches, and the beautiful lilac-rose flowers in early spring, are of desirable ornamental value. This tree could be grown in ornamental groups, or a tall screen. The fruit is very valuable for its high canning qualities. Not hardy north of the corn belt. The Quince we furnish is the Champion variety, large, golden yellow fruit. Nice, strong 3 to 4 ft. trees, \$2.15 each; postpaid.



It is surprising how much a Dwarf Pear can produce. This dwarf tree, just three years after planting, started to earn money for its owner. One like this can be in your garden. Standard Pears see page 10.



Seckel Sugar Pears

Nothing finer and sweeter for a healthy, tasty fresh fruit.

6205 — Seckel - Sugar Pear

Fruit small, rust colored, unusually sweet and well flavored. You will never know how good a fresh pear can taste until you have sampled a Seckel pear. Tree grows slow, but produces its grand fruit in large quantities. Hardy most anywhere.

6202—Douglas A good blight resistant pear. Wherever Pears have been known to suffer under blight, we recommend Douglas, which is almost completely blight-proof. The pear is large, very pretty in its color of golden yellow with a rosy blush. It is well flavored, for canning or fresh fruit. This tree is a splendid grower, extra hardy, and is a heavy producer. In most cases, the top-size we are offering, will start to bear a year after planting. Douglas should be included in every planting. Ripens in mid-September.

6209—Parker This is a Northern Pear, having been originated by the Minnesota State Fruit farm. A medium size pear, very fine grained, sweet and juicy, ripens in September, and makes an excellent fresh fruit as well as a canning pear. It has been tested for a number of years, and found to be a dependable Pear under practically any conditions.

America's Choicest Hardy PEARS

Prices of Standard Pear Trees

All varieties shown on this page.

Please order by number		4 to 7 Each	8 or more Each
3 to 4 ft. straight, well	1		Lacn
rooted trees	.\$1.15	\$1.05	\$1.00
4 to 5 ft. 3 year roots	8		
2 year stems	1.45	1.30	1.25
5 to 6 ft. extra heavy	1.85	1.70	1.60

PREPAID TO YOUR STATION. WE GUARANTEE SAFE DELIVERY.

6201—Bartlett - Early Medium to large size, yellow with light red blush, flesh juicy and sweet. The first pear to ripen, and a national favorite for all purposes. Except in the extreme northern districts, it will succeed anywhere, making a young and good producer.

6203—Kieffer - . . for canning

Medium to large pear, of fair quality, largely used for canning. Kieffer is hardier and more disease and blight-resistant than any other pear. Will grow and produce well where better pears may not be satisfactory.

Planting Instructions

Pears should be spaced at least 30 feet apart, and due to their tall upright growth, often fit in well as shade trees on large lawns or back yards. Planting should be done as stated for apples on page 7, and the spraying schedule for apples is the same for pears, see page 8.

Pears succeed in poor soil, in fact the trees growing slower, due to poor ground, will begin to bear younger than the rapid-growing trees on rich ground, and will be less susceptible to blight. Where attacks of pear blight are noticed, the infected branches should be removed immediately and should be burned. Preventive spray consists of Bordeaux Mixture or Pestroy. Blight is usually due to a combination of Red Cedar Rust and very wet weather.



Grow Our Young-Bearing Harry PLUMS

PRICE OF PLUMS

Height of trees 1 to 3 (from ground up) Each	4 to 7 Each	8 or more Each
3 to 4 ft. nice trees\$1.30	\$1.20	\$1.10
4 to 5 ft. well branched	1.55	1.45
5 to 6 ft. extra heavy 2.00	1.80	1.70

PREPAID-SAFE DELIVERY GUARANTEED

6502—Underwood This Plum can be produced anywhere, as it is perfectly hardy. And it is of extra large size, deep red, a fine freestone Plum for all purposes.

6500—Superior The Plum is of medium size, and bears unusually heavy. Early. Rich dark-red, yellow meated, very sweet.

6501—Red Wing Extra large, juicy and sweet. Yellow with red cheek, and yellow flesh. You can grow this Plum anywhere. Midseason.

6504—Toka Medium size red plum, with blue bloom. Freestone, flesh rich yellow, with a very good flavor, fine for fresh fruit or canning. The tree should be included in every planting, as it makes a good pollinator for any other plums.



Hardy Plum Orchard

1 Superior	6552—all 4 trees
1 Underwood	3 to 4 ft.
1 Toka	\$4.35
1 Red Wing	prepaid
6553—all 4 trees 5 to 6 ft.	\$6.65

Please Note

We have taken to the numbering system of every item we list. This insures greater accuracy when your order is assembled. With the shipment you will receive a list of contents. This is new in our shipping system, also the prepayment of all shipments, these improvements are in the interest, and at the request of many of our customers.

EUROPEAN PLUMS

These are hardy as far North as the Central Corn-belt. Not recomended for the extreme North.

6507 — Green Gage Very Sweet, one of the sweetest eating and canning Plums. Fruit large, greenish yellow, freestone.

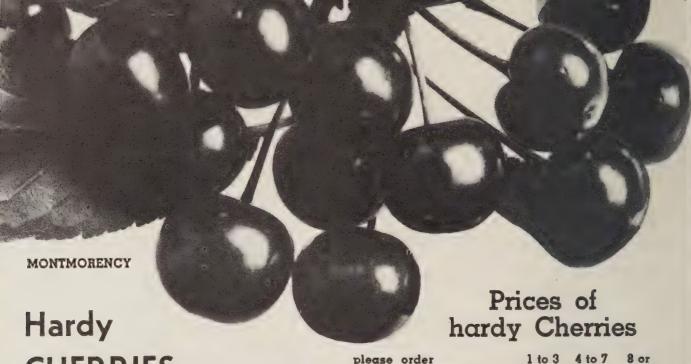
6508—Stanley Prune This is the hardiest of all varieties of Prunes, and equals the German Prune in quality, size and flavor. Midseason, Freestone, oval shape.

6510—Burbank This Plum is quite large, oval, of cherry red color, begins to bear very young, and in great abundance. Flesh amber yellow, with small pit, and a rich flavor.

6506-Italian Prune - Fellen-

berg This is the well known market variety for fresh fruit, drying and canning. Freestone, medium to large size, dark purple with a firm greenish-yellow flesh. A very good producer.

PLANTING INSTRUCTIONS Plant Plums 15 to 18 feet apart, except the European varieties and Prunes, which require a spacing of 25 feet. Plums do well on any soil, even can stand a little excess moisture on a low place. For best pollenizing, always plant two or more varieties; this increases the bearing ability of the trees. The spray method for Plums is the same as of peaches. See pages 14 and 15.



CHERRIES for Quick, Large Crops...

6308 — Early Richmond Cherry. The common medium red cherry, highly productive, and very hardy. Quality is good for pies and canning. An excellent tree for the Midwest and the North, bears regularly. Ripens in June.

6309 — English Morello Large fruit, very dark red, nearly black; tender, juicy, rich in flavor, and ripens rather late, quite sour. Hardy up to the middle of Nebraska and Iowa. Tree is of spreading form.

6310 — Montmorency The above photo. actually taken natural size of my Montmorency Cherry, will give you an idea of the size and heavy bearing of this tree. It is a good red cherry, not very sour, ripens about 10 days after Early Richmond. Very productive, and hardy throughout the East, Northeast and the entire Middle West. Should be in every town or farm garden and orchard or farm garden and orchard.

Your hardy CHERRY ORCHARD

1 Montmorency

1 Early Richmond

l English Morello

Pick fresh Cherries for an entire Month

3 to 4 ft.

41/2 to 5 ft. trees \$5.00

by variety number. Each Each more Each 3 to 4 ft. nice branched trees\$1.30 \$1.20 \$1.15 4 to $4^{1}/_{2}$ ft. 3 year roots 1.35 2 year stems 1.60

 $4^{1}/_{2}$ to 5 ft extra heavy.. 1.90 PREPAID—WE GUARANTEE SAFE DELIVERY. These trees are all grown for easiest care in your garden. With short stems, low, well branched crowns, which makes picking easy.

Hansen's Bush Cherry See page

Cherry-Plum See Page 15

Spray Guide

1.75

Cherry trees are hardly ever attacked by rare cases of infection; follow spray guide

PESTS	WHAT TO USE	Level Table- spoonfuls to 1 Gallon Water
Brown Rot, Leaf- Spot, Curculio and slug	Dry Lime- Sulphur and Arsenate of Lead	3 and 1½ to 2½
Leaf-Spot	Dry Lime- Sulphur	21/2 to 3
Cherry Fruit-Fly or Maggott		11/2 to 21/2



The ability of our Cherry trees to produce heavy crops has long been known, and these trees are generally preferred by orchard-men; they will please you, too.

SWEET CHERRIES

	Each 1 to 3	Each 4 to 7	Each 8 or more
3 to 4 ft. trees, well rooted	\$1.45	\$1.35	\$1.30
4 to 5 ft. 3 year roots, 2 year stems	1.80	1.65	1.55
5 to 6 ft. well branched, choice trees	2.20	1.95	1.85

ALL SHIPPING CHARGES INCLUDED—SAFE DELIVERY GUARANTEED.

6301 — Black Tar-

tarian very large, sweet purplish black, juicy, rich flavored. Tree is a strong grower and highly productive. Hardy as far North as Southern Iowa and Nebraska, also through the Great Lakes region the East and the Pacific states.

6303 — Schmidt's Biggarreau Very firm cherries, liver-colored, with outstanding flavor and quality. The tree grows to very large size, and produces its fruit in large clusters. Not

sufficiently hardy North of central Kansas and Missouri.

6304 — Yellow

Glass Medium size, golden yellow. The hardiest of all Sweet Cherries, successful throughout the Mid-West. Being yellow, birds rarely bother this Cherry. Makes a fine canning Cherry.

for Cherries

insects or diseases. In few very below.

WHEN TO SPRAY OR DUST

- Just before blooming.
 When the petals fall.
 Ten days later.
- 4. Two weeks after the fall of the
- petals. 5. Four weeks after the fall of the petals.

Just after picking

As soon as the fruit flies appear. In case of rain, make additional applications.

6850 — Nanking Cherry (Prunus tomentosa) Grows to a height of about 5 feet, with a clean, healthy foliage. Highly ornamental in the spring when the shrub is covered with white blossoms. Fruit almost as large as regular cherries, and of good quality for sauce and jelly, and when fully ripe a good fresh fruit. Ripens end of June. 2 to 3 ft. nice plants 85c each; 3 for \$2.40 postpaid.

PLANTING INSTRUCTIONS

Cherries do well most anywhere, except on low ground, where the soil is apt to stay very wet for days and possibly weeks at a time. The best place to plant is on a slope. The soil does not need to be rich, even poor soil produces good Cherries. Plant Cherry trees 20 by 20 feet apart, or plant them as filler trees in the Apple orchard.

Plant Cherry trees so deep that the bud, just above the root will be about I inch below the soil surface, in other words plant about 2 inches deeper than grown in the nursery. Cut the ends of all roots smooth with a sharp knife just before planting. Water well at planting time. The top-branches do not require pruning, except broken branches may be removed.



Our list of peach varieties includes everything good. hardy and new.

ALL PREPAID—SAFE DELIVERY GUARANTEED

6413—Polly Improved Champion. A wonderful mid-season Peach. Medium to large, with crimson cheek, freestone, flesh white, firm, and juicy. The flavor of this peach is unequaled. Ideal for homeuse and market, produces wonderful crops. It stays firm, therefore ketter for canning than the Champion of which Polly is a sport. Unusually hardy, successful throughout the combelt.

PLANTING INSTRUCTIONS

Plant Peach trees not less than 20 ft. apart, or use them as filler trees between Apples. Even poor soil produces good peaches, in fact, the slower growing peach trees in poor soil will live longer than fast growing trees in good soil. Plant the trees from 1 to 2 inches deeper than grown in the nursery, depending on the size you buy. Use just ordinary soil to fill in around the roots at planting time, add no fertilizer to this soil, and water well to settle the soil properly.

Always order by number. It will avoid any chance of error. The fact that we furnish everything prepaid equals a substantial discount. Kindly consider this when you make price comparisons.

Spray Guide

If you have had trouble keeping your the trees for a couple of seasons, using

PESTS	WHAT TO USE	Level Table- spoonfuls to l Gallon Water
San Jose Scale Peach Leaf Curl .	Dry Lime- Sulphur Dry Lime- Sulphur	9 to 11
Brown, Rot, Scab, Curculio	Mulsoid- Sulphur and Arsenate of Lead and Hydrated Lime	2½ to 3



6402 — Early Elberta Yellow, freestone. A medium to large peach with light-red cheek. One of the most profitable market and canning Peaches. Ripens two weeks before the Elberta, usually the first on the market. We do not recommend this peach for the Northern states.

6403—Elberta This is the most popular peach for all purposes, especially on the market. Medium to large, yellow with light red cheek, firm yellow flesh, sweet. Freestone. This is the new strain of Elberta, free from disease, and self-pollinating.

6405 — Golden Jubilee Medium to large size yellow peach, with a juicy fine grained flesh. Blooms a little later than other peaches, (self pollenizing) and ripens with the earliest. Hardy wherever peaches can be grown, for home use we consider it of outstanding value.

6407—**J. H. Hale** Very large, and a l most fuzzless. Sollid yellow flesh, particularly suitable for canning. Freestone, midseason: Of the varieties we list, this is the oldest, and still in strongest demand. Hardy throughout the combelt. Should be in every planting.

6406—Hale Haven Freestone, yellow meated, large, firm, fine flavor, red colored skin, ripens in early midseason. It is an excellent bearer, and in growing demand on the market, replacing in some localities the older type.

6415—Red Haven Freestone, yellow meated Medium size with a brilliant red cheek, smooth skin. Considered the earliest freestone peach, and in great favor especially with Eastern growers. With extra good shipping qualities. Hardy through the corn-belt, and the East.

for Peaches and Plums

fruit free from worms, spray Sherwin-Williams sprays.

WHEN TO SPRAY

In spring before the buds begin to swell.

- 1. When 75% of the shucks have fallen.
- 2. Two weeks later.
- 3. Four weeks before picking.



NECTARINES—SMOOTH SKINNED PEACH

6992—Quetta Nectarine

The tree resembles a peach tree in size and growing habits and is as hardy as the J. H. Hale Peach. The fruit is as large as medium peaches. perfectly smooth-skinned, with a wax-like appearance. The delicious flavor of Nectarines makes it an ideal fruit for dessert, drying or preserves. Particularly valuable in the home garden for something new and different in fruits. Nice 3 to 4 ft. trees \$1.10 each; 4 or more for \$1.00 each postpaid.

6856 — American Cranberry

Viburnum trilobum. Grows in ornamental shrub form to a height of 8 feet, with spreading branches, and a nice, dark-green foliage. Large white blossoms appearing in the spring are quite showy, therefore may be used in shade or partial shade for a tall flowering shrub. The red berries, appearing in the fall, are very good for jelly, and contain a high rate of Pectin. 2 to 3 ft. plants \$1.25 each; 3 for \$3.60 postpaid.

6852—Hansen's Bush Cherry

Prunus besseyi. This is the Sand-Cherry which Prof. Hansen has so greatly improved. The fruit is used for preserves, very dark red, small pit. Stands heat, drought, extreme cold, and retains a nice shiny foliage throughout the summer. For ornament and fruit. 18 to 24 inch nice strong plants 45c each: 3 for \$1.20 postpaid.

6825—Cherry Plum This cross between a Cherry and Native Plum begins to bear very young, often in the nursery one year after budding. Fruit about the size of Cherries, rich wine-colored flesh, and small pit, very valuable for jelly and preserves. We have them only in bush form this year. Produces well where regular cherries would not succeed. 2 to 3 ft. shrubs \$1.65 each; 3 for \$4.50 postpaid.

PLANTING INSTRUCTIONS

Pruning of Peach trees is an important matter. At planting time cut back all branches to within 1-inch from the main stem. This produces a new, dense crown. As soon as the new branches are about 16 inches long, cut them back to 1 ft. length. During the following years give fast growing peach trees a summer pruning early in July, cutting off just the very ends of all new branches. This makes stouter branches, a stronger crown, and increases fruit production for the next year. Never cultivate around Peach trees after July.



New Seedless Rhubarb

864 — Chipman's Canada

Red - Sweet. Stalks almost as large and heavy as those of the Giant Victoria. Red from bottom to top, pink-meated, sweet, cooking up to the finest dessert and pie-filling that can be put on the table, and fit for a king. The heavy roots we furnish, will begin to supply you with its fine product the first year, and will continue in your garden for many years. We are pricing these roots so that everybody can afford to plant this spring. 59c each: 3 for \$1.55; post-paid.

Hardy HERBS

The following are the most frequently needed herbs. They are hardy, stay in your garden for many years, and continue to supply your kitchen for a long time, beginning the first year.

875—Sage The best hardy kind for seasoning. This is the true Holt's Mammoth Sage, furnishing large quantities of leaves which are dried, and used for their aromatic value. Per plant, 35c, postpaid.

896—Chives A plant of the onion family, producing very thin tops, which are cut and used for seasoning in green form, like Parsley. Per bundle, 30c; 3 for 75c; postpaid.

897—Peppermint A very useful hardy herb, highly gromatic. Per plant, 25c; postpaid.

6859—Horseradish Selected crowns for planting. The best all-white variety. Strong crowns for a good crop the first year. 3 for 45c; 6 for 80c; prepaid.

Seeds of Herbs

A good cook will not be without them. They are easy to grow from seeds.

906—Dill. For your pickles. Pkts. 10c.

902 Caraway. Easy to grow. Pkt. 10c

922-Lavender. Sweet scented. Pkt. 10c.

913-Rosemary. Seasoning. Pkt. 10c

907—Summer Savory. (Bohnenkraut) Pkt. 10c.

909—Sweet Basil. General kitchen herb. Pkt. 10c

910—Sweet Marjoram. Pkt. 10c

911—Thyme. Seasoning Pkt. 10c

Strawberries—Heavy Bearing Strain

See rear cover page for a list of the very best varieties. Our plants are extra strong, well rooted, for quick, sure success.

6871 New Paradise ASPARAGUS

A great improvement over all former varieties. Rust-proof, bears larger, thicker tips of finer quality than anything that has ever been produced in Asparagus. Plant more of this permanent hardy vegetable. Take advantage of these new low price rates for strictly first class young plants which are sure to start.

All two year, strong roots, 25 for \$1.50; 50 for \$2.75; 100 for \$4.50 postpaid.

How to Grow Asparagus

Manure the ground heavily, using well rotted barn manure. Make a trench 8 to 10 inches deep. Have 4 inches of good rich ground on the bottom, spread the roots out evenly and fill in about 3 to 4 inches of soil. Leave the rest of the trench lay open for the first summer. Let all stalks grow the first year. Fill the trench up in the fall of the first year. Let several stalks grow on each plant the second year. In the third year allow one stalk per plant to grow up, cut all others as soon as they appear above the ground. Cultivate occasionally. Plant 1 ft. apart in the row, the rows 3 ft. apart.

Hardy APRICOTS

PRICES OF ALL APRICOTS:	l to 3 Each	4 to 7 Each	8 or more Each
3 to 4 ft. trees	\$1.25	\$1.10	\$1.00
4 to 5 ft. extra strong			1.40

6 4 3 0 — Chinese

Golden An extra large apricot with a very good flavor. This tree is as hardy as the Russian varieties, and can be planted safely as far north as the center of South Dakota. Apricots should be crosspollenized. If there are no other Apricot trees in your vicinity, plant two varieties for best bearing.

6432 — Scout Originated in Canada, it is extra hardy, and makes a strong vigorous grower. The fruit is very large, freestone, deliciously flavored, yellow with a blush of red. None of the Apricots are dependably self-pollenizing, for best bearing there should always be two or more varieties in the same orchard.

6431—Moorpark

Freestone. This is an American Apricot, a well known market variety in the Pacific states, New Mexico, Texas and Oklahoma; also southern Illinois and Indiana, but not hardy north of that line. Very large, yellowish green, red on sunny side. Flesh bright orange, excellent for canning or arying.



Apricots are of splendid quality and bear heavy.

APRICOT TRIO

One of each of the 3 Apricot varieties offered above.

6438
the 3 trees
call 2 to 3 ft.
\$2.15

3 trees 3 to 4 ft. \$2.90 6435 3 trees 4 to 5 ft. \$4.25

ALL PREPAID TO YOUR STATION.

NUT TREES

6880—Butternut - White Wal-

nut One of the finest native trees for shade or timber. Hardy as far north as South Dakota. Nuts large, long, hard-shelled, good quality. 18 to 24 inch Seedlings, 40c each; 4 for \$1.40 prepaid.

6884—American Black Wal-

nut Makes an excellent shade tree, and grows to immense size. Being deeprooted it does not sap the soil, in fact protects lawns or gardens. 2 to 3 ft. nice little trees, 30c each; 4 for \$1.00 postpaid.

6886—Thomas Walnut A grafted tree just as hardy as the common Black Walnut, but grown mainly for its fruit, which is extra large and thin-shelled with the same high quality of kernel as the common Black Walnut. 3 to 4 ft. choice trees, \$3.35 each; 4 for \$13.00; prepaid.

6890—Hazelnut This is the old fashproducing nuts of medium size. An upright
growing bush, very useful for hedges or
screens or to make up the lower growth of the
windbreak. Sometimes included in ornamental
plantings for tall growth. 18 to 24 inch nice
shrubs, 60c each; 4 for \$2.20; prepaid.

6899—Chinese Sweet Chest-

Bears large nuts of excellent quality, and produces them very young, usually within two to three years after planting. But even without its fruit-producing quality, it would make a very handsome shrub or dwarf tree, which ever way you wish to grow it. Its foliage is very pretty, like holly, arranged in long showy fronds. It is very blight resistant and has displaced the American Sweet Chestnut, which failed in many localities because of blight. The Chinese Sweet Chestnut, has produced crops after a winter of 20 below zero. Strong 18 to 24 inch healthy trees, \$1.10 each; 4 for \$4.00; prepaid.

6911—Hardy Pecan Although this is not the thin-shelled type of Pecan, which are suitable only in southern locations, it produces nuts of very good quality. However, the chief advantage is that this tree can be grown successfully as far north as southern Iowa and Nebraska, making a nice tree for any purpose—shade or timber. As this tree has not been grafted in the nursery, the fruit will vary in size, but the average run will be a nice grade for home use. 2 to 3 ft. nice seedlings stock, 75c each; 3 for \$2.10; prepaid.



Grapes cover trellis and Arbors quickly, the vines resist wind very well. Concord is one of the best for this purpose.

6609—Niagara. White white to pale yellow, well flavored, juicy and sweet. Strong grower, very productive. A great favorite with market growers everywhere. Ripens with Concord. Very choice 2 year No. 1 plants. 40c each; 5 for \$1.60; 25 for \$7.00.

State Fair Grape Collection

3 Concord

l Fredonia

1 Niagara

l Caco all 6 plants

No. 6621 1 year No. 1 8620 2 year No. 1

\$1.15

\$1.50

Plant grapes so deep that the vines part at surface of the soil. Cut each vine back to 3 eyes. Tie new growth up to stakes or wire fence.

Grape vines cannot be shipped to Washington, Oregon, and Arizona.

Hardy GRAPES

6601—Concord. Black The well known fine old variety, so popular everywhere. Bunches and berries of good size, black covered with a rich blue bloom. Skin tender but firm, juicy, sweet when fully ripe; very hardy and productive. There are varieties of better quality for table use, but for jelly, grape juice, or wine none will equal Concord in any respect.

2 5 25 100 1 year No. 1 \$.50 \$1.00 \$4.25 \$15.00 2 year No. 1 60 1.25 5.50 20.00

6629—Big Concord Bargain

5 choice 1 year well rooted plants for only 85c postpaid.

6602—Caco - Red Extra large berries, light r.e.d when fully ripe, but turns sweet while still green. Ideal for the home garden where space is limited, as Caco does not grow too rank. A wonderful table grape. In the extreme North a light winter cover is recommended. 2 year extra nice No. 1 plants, 50c each; 5 for \$2.25; 25 for \$10.00; prepaid.

6604 — Fredonia - Black

A very early ripening blue-black grape of highest quality, in compact, handsome bunches. Fredonia is hardy throughout the Midwest, and in sheltered places in the extreme North. It is the earliest black grape to ripen, and should be in every garden. Choice No. 1 plants, 2 years old, 40c each; 5 for \$1.60; 25 for \$7.00 prepaid.

6612—Ontario - White Large berries in medium size clusters, which ripen early and remain fresh for a long time. Richly flavored, a most delicious grape, and hardy wherever grapes have been known to grow. 2 year No. 1 plants, very nice, 60c each; 5 for \$2.50: 25 for \$11.25; postpaid.

Spray Guide

Where Grapes become affected by mildew, black rot, or berry moth, spray with Pestroy or Bordeaux Mixture. Use 91/2 tablespoons per gallon of water. Times of spraying: When new shoots are 8 inches long, just before blooming, right after blooming, and when berries begin to touch in the cluster.



Currants

2 year extra choice plants 50c each:

5 for \$2.15

postpaid, safe delivery guaranteed.

6831—Perfection

This is the largest of the red Currants and bears remarkably well. Berries bright red, not very sour, and with few seeds. For canning and jelly, Perfection has practically everything you could wish for in a good hardy Currant. For years it was the most widely planted variety, and still is the first choice of every planter who has grown it before. Hardy throughout the Midwest.

6830—Red Lake This is a newer variety. Berries quite large, light red, with few seeds and very pleasing flavor. While Red Lake cannot surpass the productivity of Perfection, it is a litle juicier, and is therefore preferred for fruit juices. It is also claimed that Red Lake is almost rust resistant. For home use, we suggest that both varieties be planted.

Gooseberries

for quick crop

2 year extra choice plants, 60c each; 2 year extra choice plants, 50c each;

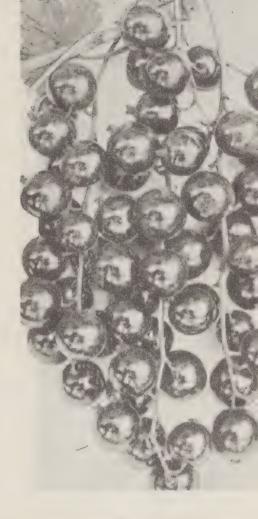
5 for \$2.50

Prepaid.

6841—Downing An American strain which has given excellent results everywhere. Large and handsome green berries of splendid quality for dessert and cooking. Bush vigorous, a strong upright grower, exceedingly productive. Practically free from mildew.

6839—Houghton An enormously productive and always reliable variety. Of vigorous growth, slender and spreading, not subject to mildew. Berries small to medium, pale-red, tender, an ideal canning fruit. Will do well almost everywhere.

INSTRUCTIONS With the exception of a few areas, we can ship Currants and Gooseberries everywhere. They like a shaded place, and a spray just before blooming or right after blooming will keep the plant free from worms. The spray to consist of three tablespoons of Arsenate of Lead per gallon of water.



Perfection Currants

6851—Juneberry or Service

Berry A good substitute for the large Swamp Huckleberry or Whortleberry, which it resembles in appearance and quality. Fruit comes in clusters, reddish-purple in color, changing to bluish-black when fully ripe. Flavor a mild, rich sub-acid; excellent as a dessert fruit or canned. It is extremely hardy, not thorny, grows bushy to a height of 7 or 8 feet. Juneberry makes no fiberroots; it is not a fast grower, but lasts for many years. I would call Juneberry a desirable combination flowering and fruit shrub. Very strong plants, 18-24 inches, 85c each: 3 for \$2.35; postpaid.

6811 — Thomless Gardenia

Dewberry A new dewberry with all the fine qualities of the Dewberry but without the thorns, therefore much easier to harvest.

6805—Youngberry
The plant is a vigorous grower, and a heavy bearer; it is hardy in the Middle West. The berries are as large as Loganberries, purplish-black; in quality they resemble Raspberries. Nice plants. 5 for 90c; 10 for \$1.50; 25 for \$3.50; postpaid.

6750 Red Raspberry Patch all for \$3.00

5 Indian Summer

10 Latham

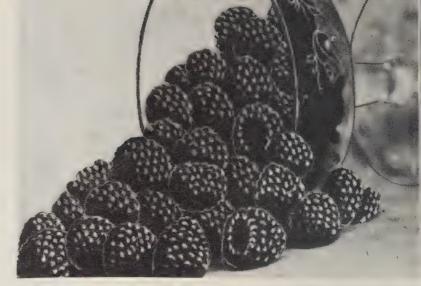
10 Chief

6757 Black Raspberry Patch all for \$3.00

5 Bristol

10 Cumberland

10 Sodus



Cumberland, the best of the extra hardy Black Raspberries.

Red Raspberries

6703 — Chief

Early. It is a grand producer for home use or market. Large, sweet berries of excellent quality and flavor. With a mulch of straw over winter, these red Raspberries will be hardy in the North. We recommend a mulch wherever the lewest winter. wherever the lowest winter cold may go to 5 below zero.

6704 — Latham

Of the same high quality as Chief. Berries slightly darker red and ripening 10 days to two weeks later. Planting both kinds will give you fresh Raspberries for over a month. Red Raspberries make sprouts from the roots, therefore should be grown in separate patches, not between other garden crops.

6705—Indian Summer Everbearing

Produces a nice crop of large, sweet red berries of outstanding quality in early summer, and starts blooming and bear-ing again in September, furnishing a handsome crop through the fall. As hardy as Chief and Latham.

Black Raspberries

6706 — Cumber-

land
Black Raspberries
are naturally hardier than the red varieties, and require practically no winter protection, except in the ex-treme North. Cumberland is a most reliable and abundant bearer, with berries of good quality.

A new 6714—Bristol which ripens a little later than Cumberland. Berries slightly larger than Cumber-land with the same good flavor, and probably fewer seeds. It is a good bearer. Anyone who likes Raspberries should incdude Bristol in the planting. Neither Bristol nor Cumberland, will ever make root-suckers.

6712-Sodus - Pur-Raspberries ple

Just as hardy as the Black Raspberies, and with the finer flavor of the Red Raspberry. Does not make root-suckers. You can plant Sodus anywhere in your garden and grow fine large crops of won-derful berries.

No. Variety 10	25	100
6703—Chief, Red \$1.50	\$3.00	\$11.00
6704—Latham, Red 1.65	3.25	12.00
6705-Indian Summer, Red 2.00	4.00	14.00
6706—Cumberland, Black 1.35	2.75	9.50
6714—Bristol, Black 2.10	4.25	15.00
6712—Sodus, Purple 1.85	3.75	13.50

Quick Crop Special

6710-Latham 6711—Cumberland Extra strong plants of bearing age.

5 for \$1.25. 10 for \$2.25 25 for \$4.50 prepaid

Planting Instructions

Raspberries and Blackberries should be spaced at least 2½ to 3 ft. apart in the row, rows 5 ft. apart. Plant in good garden or field soil containing no fresh fertilizer. Cover the crowns about 1 inch deep but plant deep enough so that another 2 inches of soil can be filled in when the new sprouts come up Black filled in when the new sprouts come up. Black and Purple Raspberries, and Blackberries do not make root-sprouts. All Red Raspberries make root-sprouts, therefore should be planted in a patch all by themselves, not mixed with other berry fruits. Early every spring, before plants green out, a spray of Dry Lime Sulphur (10 tablespoons per gollon of water) will prevent practically all diseases. Always remove canes that have produced a crop, right after picking the last berries.



Blackberries

Large crops of these fine tasty berries can be grown on most any kind of ground that grows com or wheat, and where a low spot is available, a little too wet for other kinds of plants, Blackberries will do extra well there.

6815—Alfred One of the new- 6816 — Eldorado er Blackberries, Originated in the North and recommended for making a longer bearing sea-

Because of its exceptional hardiness, this is a very sure producer. Berries very large, shiny its special hardiness. About 10 black, very sweet and well fladays earlier than Eldorado, vored. Blackberries can be kept at a height of 3 to 4 feet by son if both are included in the planting. In good production, nice size of berries, and their good flavor, there is little difference between the two.

at a neight of 3 to 4 feet by pinching the new growth at that height, or they can be grown on tall trellis work, or arbors, where they make a good cover of foliage, plus nice berry crops.

Prices of Alfred and Eldorado Blackberries: selected, well rooted plants, \$1.25 for 10; 25 for \$2.75; 100 for \$9.50; prepaid.

Always be sure to mention variety number.

6817—Eldorado Blackberry—Quick Crop. Extra heavy plants, 5 for 90c; 10 for \$1.50.

Giant Boysenberry



Eldorado Blackberry

6801—Thornles Boysenberry

Berries of immense size, 3 times larger than Raspberries are a cross between Blackberry, Loganberry and Raspberry, and combine all the good qualities of these berries. A vigorous young growth develops annually from the roots, and creeps along the ground. Leave it there until late fall. Then cover with brush and leaves for winter-protection. In the spring, tie the vines up to stakes where they will bloom and produce their crop. Berries will be easy to pick in this position. After picking the berries, cut all these bearing, vines out. The new growth for next year's production remains on the ground, the entire growing process to be repeated. Every two or three years apply fertilizer, in a disc around each plant, after the vines have been tied up in the spring. Any commercial fertilizer, or well rotted manure can be used. This is the procedure for producing enormous crops of this fine berry, regardless of locality. Nice No. 1 plants, \$1.00 for 5: 10 for \$1.75: 25 for \$3.75; prepaid.

extra fine Blueberries

After extensive tests under varying conditions we recommend the three Hybrid types quoted below. They are large, almost seedless, of large size, and unexcelled in flavor. Grow to a height of about 4 ft. with a clean, healthy foliage, we grow them under large trees and pines, for ornament as well as fruit. For best results the soil should always be moist, rich in leaf-mold, pine needles or peatmoss, and preferably shaded, as under large trees, the East or North side of a building. Grow them for fun, ornament, and profit.

6820—Jersey

6824—Stanley 6818—Rancocas

Ripens after Stanley

Very choice

Extra early 2 year No. 1 plants 2 for \$2.40; 6 for \$6.50

Prices of all 3 varieties: 2 year extra heavy 2 for 2.95; 6 for 8.30

6837—Blueberry Trio one plant of each kind

3 in all

2 year No. 1

\$3.15

6638—Blueberry Quick Crop

One extra heavy plant of each kind, all for \$4.00

Delivery Guaranteed Cracemental and



Chinese Elm for quick shade The hardy White Elm, a tree of noble Most rapid growing tree.

5801 — Chinese

Elm The true Ulmus Pumilla, extra hardy, and drought resistant. Wherever a fast grower is needed, there is no other tree to take the place of the Chinese Elm. For quick shade, woodlot, and windbreak plant Chi-nese Elm. Also available in seedling sizes, see page

5 to 6 ft. trees \$1.15 each; 2 for \$2.00

to 8 ft. trees \$1.75 each; 2 for \$3.00

8 to 10 ft. trees \$2.50 each; 2 for \$4.50



5800 — American Elm

growth, lofty spreading crown, perhaps the most popular tree along residential streets, parks-drives and public grounds. If elms ever need pruning, the proper time is mid-summer. This is a fairly rapid grower, gaining in beauty with

6 ft. trees \$1.15 each: 2 for \$2.00 6 to 8 ft. trees \$1.60 each; 2 for \$2.80 8 to 10 ft. trees \$2.50 each; 2 for \$4.50

Betula 5901—Clump Birch alba can be grown in single-stem form or with 3 stems from one root, the latter being the most showy type. Therefore we offer this tree in the 3-cane form. White bark, very nice appearance, on the lawn or in groups of evergreen trees. Hardy everywhere. 3 tto 4 ft. 3-stem clump \$3.50 each: 2 for \$6.50



Moline Elm

719—Moline Elm

A hybrid Elm which grows very tall, spreading very little. Leaves larger than those of the American Elm. A vigorous grower, and hardy everywhere, the Moline Elm takes the place of the Poplars where the latter will not stand the wind. Near tall buildings it spreads just enough to give good shade. 6 to 8 ft. trees, \$3.65 each; 2 for \$6.90.

5715—Mountain Ash Sorbus Augusti). Does extra well in the North and in high alti-

tudes. A nice straight grower, forming a pretty crown which, through late summer and fall, is covered with the showy clusters of red berries. Selected No. 1 trees, 6 to 8 ft. high, \$4.00 each; 2 for \$7.50.

717—Seedless Cottonwood

Possesses all the good, clean growing habits of the common Cottonwood, growing to mam-moth size, in record time, but will never form the cotton, which is so objectionable in residential districts. Nice, straight, 5 to 6 ft. trees. \$1.95 each; 2 for \$3.65.

PLANTING INSTRUCTIONS

Shade trees are planted in the same manner as fruit trees. Holes deep and wide enough to allow plenty of room for roots. Digging the tree holes a few inches deeper than really necessary permits filling in of loose soil in the bottom, in which the new rooting will take place quicker and surer. Soil to be used anywhere near the roots must not contain fresh fertilizer. Ordinary top-soil is best. Always cut the ends of the roots just before planting, making a slanting cut with a sharp knife. New roots develop more rapidly from these fresh cut surfaces. NURSERY

Shade TREES Most Complete Assortment of Hardy Shade Trees

Pages 24 to 31

5805—Hard Maple - Sugar Maple

Acer Saccharum. Also known as Rock Maple. A hardwood growing to a large pyramidal shape, very long lasting, and very handsome with its rich green foliage turning to showy red in the fall. A hardy tree, but through most of the Mid-West it is a slow grower. 5 to 6 ft. nice trees. \$2.75 each; 2 for \$4.90; 6 to 8 ft. extra choice \$3.90 each; 2 for

5807—Schwedleri Maple

Also called the Purple Leaf Maple. A beautiful tree throughout the year. In the spring with its reddish leaves and twigs. In the summer with a shiny bronzegreen, and in the fall in a showy green-yellow. Its growth is of perfect symmetrical form, hardly ever requiring any pruning. A long-lived hardwood tree, hardy anywhere, 6 to 8 ft. extra choice trees, \$4.80 each; 2 for \$9.00.



The Hardy Lombardi Poplar

5810-Soft Maple

5810 — Soft Maple Acer Saccharinum.
Also called Silver Maple, because of its leaves being grayish green under-neath, deeply cut. A fast growing tree of the Mid-West, and hardy practically everywhere, but prefers fairly low
ground. Needs occasional pruning to
avoid forks in the
main-stem. Such Pruning should be done in mid-summer to prevent bleeding. Leaves turn bright yellow in the fall. 6 to 8 ft., very nice trees, \$2.10 each; 2 for \$3.90. For small trees see page 29.

5804—Lombardi Poplar Hardy everywhere except the extreme North. Grows to a very tall, narrow, spire-shape column, reaching great height in record time, as it is a very fast grower. In the landscape it creates a welcome break in the skyline. Also used for tall screens along boundary lines, for this purpose plant 6 or 8 ft. apart in the row. But should not be planted less than 18 feet from the house. 6 to 8 ct., nice straight trees, \$1.20 each; 2 for \$2.00; 8 to 10 ft. trees, extra strong, \$1.50 each; 2 for \$2.50. For small sizes see page 29.

721—Bolleana Poplar Grows to a spire of 80 ft. in height. Leaves shiny dark green with silvery white underneath, with a gray-green bark, a very nice appearing, and clean tree of extremely rapid growth. Hardy throughout the corn-belt, but not in the extreme North. One of the choicest trees for general landscape work, its tall column shape is of striking effect. 5 to 6 ft. trees. \$2.10 each: 2 for \$4.00.

Pin Oak

Everything Prepaid

Constantly increasing rates of Express, freight, and parcel post have been a discouraging factor for people who like to plant trees and shrubs. Unless we guarantee you a delivered price, you would never know how much the total cost would be to you. We have taken a long step to assure you of a delivered price, by pricing everything in this book

Prepaid to your station.
The price quoted in this book is all you pay—and no more.

Numbering the varieties, shipping from a central point, absorbing all transportation cost, a guarantee of safe delivery add up to this:

A saving to you.
Unfailing accuracy.
Speedy delivery.
Arrival at poper time.
No risk for you.



Thornless Honey Locust

5808—Pin Oak Quercus palustris. Of all the Oaks this is not only the most rapid grower, but the showiest tree. Its banch and limb-system is arranged so nearly perfect that it provides full shade within its entire reach. It forms a tall center stem, with its limbs spreading out perfectly horizontal. The deeply cut foliage turns to a rich scarlet in the fall and remains on the trees almost throughout the winter. Hardy everywhere, and a tree of great beauty wherever it is grown. Nice 5 to 6 ft. trees. 53.00 each: 2 for \$5.50.

723—Thornless Honey Locust

Gleditsia triacanthos inermis. Entirely hardy anywhere. The most rapid growing hardwood tree. Resists high wind, ice, does not make root-sprouts or sap the top soil. Perfect shape of the crown, hardly ever requiring pruning. No insects or diseases. You can grow flowers or arars right under this tree. No roots will interfere, and there will be just enough shade for best results. 5 to 6 ft., nice trees. \$3.20 each; 2 for \$5.90.



As a single tree, Hackberry makes a fairly tall, and still a spreading crown. A good shade tree everywhere.

5819—Linden. Basswood Tilia Americana. A very attractive clean tree which blooms in May. Grows to a massive pyramidal shape, eventually reaching an enormous size. Its longevity is contained in the history of one Linden tree. At the conclusion of a peace-pact between Caesar and the Almanians, the latter planted a Linden tree at the spot where Caesar made his peace offer. The Almanians considered the Linden a holytree, and the tree of everlasting peace. This tree still stands today, nearly 2000 years old, a landmark for historians. If the Linden represents peace, let's plant more of them. We have the Linden in nice 5 to 6 ft. trees at \$2.50 each: 2 for \$4.50.

5812 — Hackberry Celtis occidentalis. The American Nettle tree, an exceptionally hardy tree which can be grown safely even in the extreme North. A sturdy tree throughout the Mid-West, stood dry years, storms and ice very well. The growth is tall, with a well branched, and well shaped crown, rough bark, and the type of wood that will resist strong winds. Although the Hackberry does not grow as rapid as some other types of trees, it can take everything the weatherman can throw at it. Extra nice, 6 to 8 ft. trees, \$2.75 each: 2 for \$5.00.



5809—Sycamore American Plane Tree, Platanus occidentalis. Also called But-

tonwood. A rapid growing tree of noble upright growing habit, and large bright green leaves. Its beauty of shape and foliage is further increased by the odd coloring of its bark, light green, smooth, and mottled dark green. Very desirable for pack and street planting; particularly in areas where gases and smoke show harmful effects on other trees. Not recommended for the extreme North. Extra choice 6 to 8 ft. trees, \$2.75 each; 2 for \$5.20.

5900—Catalpa Bungei Also called Umbrella tree. A very useful Dwarf tree for formal plantings, as it keeps its strictly symmetrical form throughout its entire life. The umbrella crown develops on a straight 5 ft. stem. Spreads to about the same diameter. The large bight green leaves overlapping like shingles to form the evenly shaped crown. Since a number of years, this is the first time we have this nice tree again, and it is at the request of many of our customers who have known this tree, particularly in the old-fashioned garden, and want to plant it now on their lawns, along drive-ways, or in the center of their flower gardens. Good, straight 5 ft. trees, \$3.00 each; 2 for \$5.40.



Catalpa Bungei

5803 — Cutleaf Weeping Birch

Betula pendula lacineata. This magnificent tree is, without question, the most popular of all pendulous trees. It is a tall, slender tree, of vigorous growth, and very hardy. It has an erect central trunk, with gracefully arching branches. Foliage deeply cut, deep green, the whole tree, with its glistening white bark is delightfully effective. 5 to 6 ft. trees, \$3.85 each; 2 for \$7.40; 6 to 8 ft., extra strong, \$5.00 each: 2 for \$9.50.

5815 — Niobe Weeping Willow

The hardy Weeping Willow with the golden bark, long slender branches which droop practically to the ground in graceful arches. Leaves light green. This is a very vigorous grower, likes low or wet ground. The newly planted Weeping Willow should have the support of a pole to which the center limb can be tied, as the wood is quite limber. The pole would train the center to a tall upright growth, if a tall tree is desired. 5 to 6 ft., nice trees, \$1.60 each: 2 for \$2.80. 6 to 8 ft. extra strong trees, \$2.15 each; 2 for \$3.80.



American Sycamore

Why?

the numbers stated with each variety are a double check on your order. It will eliminate any chance of mix-up when your order is assembled. Kindly state the variety number in your order. It will be a help to us, and a double assurance to you, to get everything exactly as ordered.

It is in your interest that you receive seeds separately from nursery stock. Flower plants separately from trees. Bulbs in dry packing in a separate shipment. And by making shipments separtely, we can get everything to you at the right time for planting. This service is essential for your suc-



Niobe Weeping Willow



Hopa Crab, producing giant bouquets.

5701—Hopa - Red Flowering

Crab In the language of the Sioux "Hopa" means beautiful, and beautiful is the word for this grand tree. It is truly a striking sight for several weeks in the spring, when this tree unfolds its great wealth of rose-crimson flowers. Perfectly hardy anywhere, and the small red apples in the fall can be used for jelly. Nice 4 to 5 ft. trees, each, \$1.35; 2 for \$2.50.

5700—Bechtel's Double Flow-

ering Crab Hardy, thrives in most any soil; blooms in the spring, covered with large, double flowers, fragrant, of a very delicate pink color. At blooming time this tree looks like a gigantic bouquet of roses. Grows up to 15 feet tall. Extra select 3 to 4 ft. trees, each. \$1.75; 2 for \$3.30.

5702—Red Silver Crab

Malus adstringens. A very beautiful flowering crab. Dark red semi-double blossoms. Rich maroon-red bark, and maroon-red cutleaf foliage with silvery underside. Nice 3 to 4 ft. trees. \$1.35 each; 2 for \$2.50.

5704 — Camellia - Flowered

Peach Prunus persica. Grows to a height of 12 to 15 feet, and blooms in midspring. Blossoms double rose-red, in great abundance, above the purple foliage, are very showy. Hardy as far north, and in the Cornbelt. 3 to 4 ft. trees. \$1.15 each: 2 for \$2.15.

5785 — Prunus Triloba A most ing dwarf tree, growing a globe shaped crown about 12 ft. high. Ideal on the lawn or for a "Center-piece" in shrub groups. Flowers in great profusion double light pink, through early spring. 2 to 3 ft. nice plants, \$1.40 each; 2 for \$2.60.

flowering everything that is New and Hardy

5717 — Flowering Cherry

A wonderful spring-blooming tree, growing to a height of 12 to 16 feet. The most popular flowering cherry, densely covered with nice double flowers of deep-pink, and hardy throughout the corn-belt. 3 to 4 it. trees, \$2.60 each; 2 for

5781—Pink Flowering Locust
Robina hispida. The Rose Acacia or Moss
Acacia. The branches of this pretty dwarf tree
are covered with fine double rose-pink blossoms through April and May. The tree reaches
a height of about 8 ft. Hardy except in the
extreme North. 2 to 3 ft. nice little trees. \$1.00
each; 2 for \$1.85.

5711 — Golden Chain Tree
Laburnum vossi. The old-timers called it
"Goldregen." Its blossoms of long yellow clusters appear in the sping. The tree reaches a
height of about 18 feet. A very nice gray green
foliage, and this tree begins to bloom at a very
early age, usually the year after planting.
Hardy except in the extreme north. 3 to 4 ft.
trees, \$2.75 each: 2 for \$5.25.



Smoke tree, Purple Fringe tree.



Trees

For large groups
or on the lawn, any
of the following trees
are highly desirable
for their grand flower display

Prepaid

Everything listed in this catalog is priced prepaid. No sales Tax—no shipping charges.

5718—Smoke Tree, Purple Fringe. Rhus cotinus. Grows practically in large bush form, and requires plenty of space, as it will spread to about 8 ft. and reach a height of 12 ft. Above the dense green foliage there are the blossoms all summer, resembling purplish-blue puffs of smoke. Perfectly hardy, and very attractive. Strong 18 to 24 inch shrubs, \$1.25 each; 2 for \$2.40

SolutionThe string of the large rose-pink blossoms appearing before the leaves come out, followed by red berries in the fall. At that time the foliage too, turns to a bronze red. Prefers a wet place. 2 to 3 ft. well rooted, \$4.00 each; 2 for \$7.75.

725—Pussy Willow Salix Caprea. A small tree, or rather tall bush of very upright growth, and light green bark and foliage. Long before there are leaves or flowers anywhere, this willow opens its silvery catkins, which are so showy, particularly in bouquets. Hardy everywhere. 2 to 3 ft. nice plants, \$1.10 each; 2 for \$2.00.

5710—Paul's Scarlet Thorn

Oxycantha pauli. A very handsome tree with shiny dark green leaves. Reaches medium size, with an even, dense crown. At blooming time in late spring there are many beautiful clusters of double, scarlet crimson flowers. Very hardy; a beautiful tree along walks, in parks, or on the lawn; always a clean grower; very attractive. 4 to 5 ft. trees, strong, well rooted, \$3.30 each; 2 for \$6.25.

To assure complete accuracy in assembling your order state number of each item.



Buds, flowers and foliage of the Tulip tree.

5817—Tulip Tree Liriodendron tulipifera. One of the grandest Native American trees. Makes a tall pyramidal tree with broad, glossy leaves and pretty blossoms, similar to Magnolia. A nice tree, except in the North, where it is not sufficiently hardy, but wherever peaches can be grown, this tree will succeed. 4 to 5 ft. tall, very nice trees, \$2.10 each; 2 for \$3.90.

5400 — Magnolia Soulangea

A most beautiful flowering type of Magnolia, the fragrant flowers appearing before the leaves in early spring, ranging from pink in the bud stage to white when in full bloom, and from 5 to 7 inches in diameter. The tree begins to bloom quite young, eventually reaching a height of 10 feet. It is a real show piece on the lawn, and this type is hardy throughout the East and in the Mid-West as far north as Nebraska. 2 to 3 ft. trees, \$5.50 each, 2 for \$10.50.

5716—Red Bud Judas Tree. Cercis canadensis. A very ornamental native tree of medium size. Leaves are perfectly heart-shaped, free from insects or plant diseases, and hardy as tar north as Canada. Early in the spring, before the leaves appear, its branches are covered with small reddish-purple flowers. It produces the first outdoor flowers of the spring throughout the Mid-West. Easy to grow, and should be planted much more freely, on the home grounds or in parks, wherever a nicely shaped tree of medium size can be used. Extra choice trees, 3 to 4 ft., \$1.65 each: 2 for \$3.15.

hardy HEDGES

5506 — Privet, Amur River
The extra hardy strain, with the shiny green foliage, and very dense branching. Makes fine hedges from 2 to 4 ft. height, according to shearing. Our plants are strong and well rooted, assuring quick results.

				10	25	50
12	to	18	inch	\$1.45	\$2.75	\$5.00
				heavy 2.20	4.50	8.50

5505—Barberry, Greenleaf

Barberry thunbergi. Shiny deep green leaves, coloring up to fiery red in the fall. Free from rust and other pests. Can be grown without shearing to an info.mal hedge about 2 ft. high, or can be sheared to any desired height. Has small thorns, therefore particularry valuable for laws borders. able for lawn-borders.

					10	25	50
12	to	18	inch	plants	\$1.5		\$ 6.75
18	to	24	inch	heavy	2.5	50 5.50	10.00

5502—Barberry, Redleaf Barberry thunbergi atropurpurea. In all habits, and com-

plete hardiness the same as the above, but leaves of bronze-green foliage through the sum-

					10	25
12	to	15	inch	plants	\$2.30	\$5.00
15	to	18	inch	heavy	2.80	6.25



For low enclosures the Barberry is one of the best, but Privets can also be kept to 18-inch height, as this photo shows.

5508 — Honeysuckle Lonicera tartarica. The tallest growing of the blooming hedges, reaching a height of 8 to 10 teet, with or without shearing. Plant 18 inches apart, for a nice dense hedge. Extremely hardy, blooms in May, followed by red berries, which attract song-

					10	25	50
12	to	18	inch	plants	\$1.80	\$3.75	\$6.75
18	to	24	inch	heavy	7 2.40	5.25	9.75

5511—Spirea Van Houtti

Bridal Wreath. Sure grower, always sure to b.oom, of easiest cuitule with or without shearing. Makes a fine hedge 4 to 6 ft. tall. Plant 16 inches apart, increase spacing for a taller

12	to	18	inch	plantsstrong	\$1.80	\$3.75	\$6.75
18	to	24	inch		. 2.25	5.00	9.25

Evergreen Hedges Use Red Cedar or Arbor Vitae. See page 31.

Rose Hedges Hardy except in the ex-grown with or without shearing, their fine toliage, and repeated blooming are highly ornamental.

5610 — Rosa Multiflora In defor farm hedges, spaced 12 inches apart. Supply limited, suggest you order early. No. 1 plants. 10 for \$1.00; 25 for \$2.00; 100 for \$6.50.

5518—Red Grootendorst Rose. Grows to a nice 4 ft. hedge, blooms repeatedly. A nice hedging size 9 to 12 inch, plants 5 for \$3.50; 10 for \$6.50; 25 for \$15.00.

5522 — Pink Grootendorst

Rose Flowers in nice clusters, like carnations, in pink color, throughout the greater part of the summer and fall. Price same as Red Grootendorst, above.

Farm hedges For tall screens, the Chinese Elm and Russian Olive planted 12 inches apart as you increase the space the hedge will grow taller. For a thorny, protective fence the Osage Orange is best. Planted from 12 to 16 inches apart it makes a strong, dense hedge that will stop cattle. Use the small tree sizes listed on page 29.

Planting and Care of Hedges Simplest Method of planting is in a trench garden-spade is usually just right. Set the plants in about 1-inch deeper than grown before in the nursery, and before completely filling the trench with soil, apply plenty of water. Finish filling when the water is soaked away, which still makes it possible to put all plants in line. Shear the tops down to about 4 inches from the ground, right after planting. This produces a low, dense growth. Shear the new growth in midsummer to any height. Shear again early the following spring to 8 or 10 inches from the ground. Summer shearing is to shape up the new growth to even height and sides. Spring shearing builds the hedge up gradually, and produces the dense growth needed for good appearance. Flowering hedges need not be sheared.

Small Trees

(seedlings)

for forest windbreak woodlot

5607—American Ash Fraxinus americana. A rapid growing native timber tree, with hard wood, for implements and fuel. A good tree most anywhere. 18 to 24 inch strong plants, 25 for \$1.75; 50 for \$3.25; 100 for \$6.00.

5603 — American Elm Recommended for general woodlot planting. We supply many of them to park-managers for stocking of small nursery plots, and production of good shade trees. 18 to 24 inch, nice strong plants, 25 for \$1.15; 50 for \$2.00; 100 for \$3.50. 2 to 3 ft. trees, 25 for \$1.50; 50 for \$2.75; 100 for \$5.00.

5604—Black Locust Robina pseudoacacia. No other trees play such an important part in soil-conservation, besides being a producer of choice wood. Its roots hold the soil firmly on steep land. 12 to 18 inch plants 25 for \$1.00; 50 for \$1.75; 100 for \$3.00.

5618—Russian Olive Eleagnus an gustifolia. The slivery-gray foliage and twigs, always free from insects or diseases, have made this hardy tree a favorite for small screens, and farm-hedges. Slightly thorny, produces berries for songbirds. For a 4 ft. hedge plant 8 inches apart, and shear like for Privets. For a tall screen plant 12 to 16 inches apart. 12 to 18 inch plants, 25 for \$2.00; 50 for \$3.75; 100 for \$7.00.

5600—Chinese Elm. Planting about 10 inches apart, makes a rapid growing, stout hedge of 4 to 5 ft. in height. Increase the space between plants for a taller hedge. For a tall screen of 10 to 12 ft. height, the spacing should be 12 to 16 inches apart. Perfectly hardy, extremely draught-resistant, a surprisingly fast grower.

12-18 inch	25 \$1.00	50 \$1.75	100 \$3.00
18-24 inch	1.40	2.50	4.50
2-3 ft.	2.00	3.50	6.50

5609—Osage Orange Toxylon pomifera. The most popular, and valuable hedge for field and live-stock enclosures. Also for the wood-lot where the Osage posts exceed any other wood in value. Thorny. Also recommended for game-protection. 12 to 18 inch plants, 25 for \$1.00; 50 for \$1.75; 100 for \$3.00.

5634—Soft Maple

For mass planting projects we have these special grades of light, but well rooted, nice trees. 3 to 4 ft., 5 for 99c; 10 for \$1.50; 25 for \$3.25. 4 to 5 ft. trees, 5 for \$1.35; 10 for \$2.35; 25 for \$5.00.

5631—Lombardi Poplar

This is the tall, spire shaped tree as listed on page 23. We also have this Poplar in a lighter grade, in order to make mass-planting possible, both, from the standpoint of easy planting, and of low cost. For tall screens, along lanes, boundary lines, back-ground planting, where this tree is so indispensable, these sizes will fit your budget. 3 to 4 ft. trees, nice and straight, 5 for \$1.20; 10 for \$2.00; 25 for \$4.00. 4 to 5 ft. trees, 5 for \$1.35; 10 for \$2.35; 25 for \$5.00; all prepaid.

Spacing for Windbreak

Row-planting is best, the rows following the contour line. The rows from 12 to 18 feet apart. Space the small trees in the rows 3 ft. apart. As the trees grow up, and begin to touch, every second tree is cut out, and in such a sequence, that the trees remaining will stand alternated. Most windbreaks consist of 3 to 5 rows. The row on the weather-side should contain either shrubs, or those types of trees which grow fairly bushy from the ground up, and this row is not thinned out. Russian Olive is one of the best for this purpose. Its dense branches from the ground up make a good "snow-trap." The other rows may each be of a different variety, changing to Black Locusts wherever the windbreak-belt crosses gullies, or runs over very steep ground.

Planting and Care

A plow furrow will be deep enough for most all types of small trees planted in woodlot or windbreak fashion. Saves the work of digging individual holes, shovel-work is needed only to cover the roots of each plant. An application of water to the furrow right after planting, or individual watering pays off well in a high rate of survival. The first and second year are important. Cultivation like for corn, to keep the ground fairly free from weeds, is a good practice. Any damaged tree, as by the cultivator, or rabbits, are cut back to the ground. They make a new start, and replace the lost growth in just one or two growing seasons. The growing of a timberlot or windbreak is the most promising project on your farm, and decidedly a mark of leadership in your vicinity.



Pfitzer's Juniper
Note picture above.
resists heat and
drought anywhere, perfectly hardy. Grows to
a pretty vase shape. The ideal low grower for
Evergreen foundation plantings and entrance
sets. 15 to 18-inch trees, TTT, truly fine grade,
\$1.90 each: 3 for \$5.20.

Scopulorum Silver Juniper

A dense grower of pretty silvery cast; can be grown to any form by shearing. It is perfectly hardy, resists heat and drought. The land-scaper's first choice for quick results. TTT. 18 to 24-inch trees, \$2.00 each; 3 for \$5.35.

Red Cedar Juniper Can be grown in sheared form, or as a tall growing tree with spreading limbs if it is not sheared. For hardiness, heat and drought resistance, it has no rival. 18 to 24 inch TIT, strong trees. \$1.35 each; 3 trees, \$3.45.

Entrance Planting

2 Silver Junipers

18 to 24-inch TTT

2 Pfitzer's Junipers

12 to 18-inch TTT

All for Only

\$6.20

Prepaid Ever-

greens



The Mugho pine always stays in a compact globe form, never needs pruning or shearing. Its new growth has the appearance of candles.

Hardy Ever-

The thousands of Evergreens which we have shipped out in recent years have given excellent results. We ship them direct from the growing fields, fresh, well packed, safe delivery guaranteed.



Scopulorum Juniper. Stands full sun and shearing well.

Mugho Pine Grows to a height of about 3 feet, in a compact ball-form, without shearing. A fine tree for formal work and foundation planting. 6 to 8 inch. very strong, bushy trees TTT. \$1.55 each; 3 for \$4.00.

Creeping Juniper Its branches lyground and branching out well make a fine ground cover. On steep ground, or on cemetery lots, where a fine evergreen ground-cover is desired, you will always be pleased with this Juniper. 10 to 12-inch spread, TTT, nice plants, \$1.20 each; 3 for \$3.00.

American Arbor Vitae Thuya occidentalis. An upright growing evergreen which stands shearing well, and fills out nicely to a very dense shape, if sheared. The small sizes are used for evergreen hedges and are pertectly hardy. Singe specimens for foundation planting can be kept at any size and shape by June shearing. 12 to 18-inch TTT, \$1.20 each; 3 for \$3.00.

NURSERY

Easy to Grow greens

Write within five days if a shipment is not received in first-class condition. This entitles you to free replacements. Order early, so that we can dig and ship your stock before new growth begins in the field.

Blue Spruce

The true Colorado Blue Spruce. One of the showiest evergreens for the lawn, parks or large group plantings. Needles silvery green. Never has to be pruned, grows to a nice pyramidal shape without help. TTT, 15 to 18-inch very choice strong trees, each, \$2.70; 3 for \$7.30; postpaid.

Black Hills Spruce Extra hardy, wery dense with short dark green shiny needles. Needs no shearing or pruning; grows to a very nice shaped tree. Extra nice 12 to 15-inch trees, TTT, each, \$1.35; 3 for \$3.50; postpaid.

For SHADY Places

On north fronts, where little sun is expected, and the Junipers, which are otherwise so very satisfactory, will get rather thin in time, there is only one type of Evergreen to plant. It is the Yew. Likes shade just fine, is as hardy as any evergreen, and can stand shearing to any desired shape. For that shady front we have the two most satisfactory Yews:

Hicks Yew An upright, columnar shaped tree, which will always retain this growing habit and therefore, by occasional shearing, will make a nice column shaped tree. Its color throughout the year is a rich, dark glossy green. 12 to 18-inch well rooted, strong TTT, each, \$1.95; 3 for \$5.20; postpaid.

Spreading Yew In very shady places, where the spreading Junipers are not satisfactory, this Yew will take their place. It likes full shade, spreads and branches out very well, although not quite as rapidly as the Junipers. Color very dark, glossy green throughout summer, fall and winter. Strong TTT 10 to 12-inch spread, \$1.45 each; 3 for \$3.80; postpaid.

Small TREES

For large projects—Windbreaks, Nurseries, Forestry, Hedges and Screens

10	25	100
Colorado Blue Spruce, 4-6 in. T\$1.80	\$4.00	\$14.50
Black Hills Spruce, 6-10 in. T 2.20	5.00	18.20
Norway Spruce, 6-10 in. T 1.85	4.10	14.50
Austrian Pine, 6-10 in. T. 1.85	4.10	14.50
Ponderosa—Bull Pine, 6-10 in. T 1.85	4.10	14.50
Jack Pine, 6-10 in. T	3.60	12.75
Scotch Pine, 6-10 in. T	4.10	14.50
Juniper-Red Cedar, 6-10 in. T. 1.65	3.65	12.75
American Arbor Vitae, 6-10 in. T 1.65	3.65	12.75
All prepaid, safe delivery guaranteed.		

T—Transplanted once in the nursery for better roots.

TT—Twice transplanted.

TTT—Three times planted: the best grade.

We pay postage to your door on all Evergreens.



Colorado Blue Spruce

For Large Plantings

The small trees we are listing below, particularly the pines for windbreaks, should be planted on cultivated ground, about 18 inches apart in the row and the rows spaced 3 to 6 feet apart, for easy cultivation. At planting time dip the roots in a thin paste of mud, which protects them from wind and sun while planting. Set them about 1 inch deeper than grown in the nursery. Water after planting, to settle and pack the soil properly. Don't mulch the young planting, just cultivate enough through the first and second summer, to keep the ground clean and this will make good roots. By the third year you will have nice, husky trees ready to take up with balls of earth and to be planted at their final places. They will start easy after transplanting, and grow surprisingly fast. For general windbreak work, the pines we list are the best, fastest growers, and the hardiest. Our Evergreens are fresh dug when we ship them. Roots mossed and well packed. Order early; we ship at the right time for transplanting.



Black Hills Spruce.

Healthy Howering 5HRUB5

5404—Almond, Double Flowering

Prunus Amygdalus. A nice well shaped bush about 4 to 5 ft. tall, covered with double rose-pink flowers, very early in the spring. Hardy as far North as central Iowa and Nebraska. 18 to 24 inch shrubs. 75c each: 3 for \$2.10. Extra nice 2 to 3 ft. shrubs, 95c each: 3 for \$2.70.

Althea, Rose of Sharon

Hardy.
In the extreme North a mulch of straw or leaves is recommended, for winter protection. Of erect growth, reaching a height of 6 ft. always clean and healthy, blooming most beautifully through late summer and fall.

5307-Althea double purple.

5305-Althea double rose-red.

5306-Althea double pink.

Very nice 2 to 3 ft. shrubs, 50c each; 3 for \$1.35; postpaid.

Barberries

Nice foliage shrubs, with dense growth, can be sheared or grown in natural form, they reach a height of 2 to 3 ft. always free from insects and diseases, thorny, very hardy. These do not carry Wheat-Rust.

5309—Greenleaf Barberry
Nice bushy 18 to 24 inch shrubs, 55c each; 3
for \$1.50.

5420—Redleaf Barberry Pretty bronzered foliage throughout summer, turning to a rich red in the fall. 18 to 24 inch shrubs, well branched, 80c each; 3 for \$2.25...

5406—Azalea Mollis

This is the hardiest strain of the Azaleas, can be grown safely throughout the corn-belt. Its large orchid shape flowers appear in late spring, in all shades of pink, yellow and deep red. Mixed colors, 9-12 inch plants, \$1.85 each; 3 for \$5.25.

5478—Beauty Bush Kolkwitzia. A well - shaped shrub reaching a height of 6 feet, with gracefully arching branches, which are covered with lovely pink flowers through May and June. 18 to 24 inch shrubs. 95c each: 3 for \$2.70. 2 to 3 ft. extra heavy. \$1.20 each: 3 for \$3.45.



The upright growth, nice foliage and the three showy colors of Altheas mixed in a row. A pretty sight.

ROSE OF SHARON Collection 5308

1 Rose Red

1 Purple

1 Pink

All 3 shrubs 2-3 ft.

\$1.25



NURSERY

Butterfly Bush

The roots are hardy everywhere, and bring forth a brand new bush every year, which begins to bloom from early summer, until late fall. Also called "Summer Lilac" as the blossoms resemble those of Lilacs. Height 4 to 6 feet. Can stand full sun.

5465—Pink Dawn

5468—Royal Red

5416—Empire Blue

5470—Snowbank

Price of all 4 varieties listed above

18 to 24 inch, nice strong plants, 80c each; 3 for \$2.25.

5323—Calycanthus Known under various names, Strawberry shrub, Chocolate shrub, Carolina Allspice, and Sweetshrub. Flowers double, brownish purple, pleasantly fragrant. Not hardy in the states North of the corn-belt. 18 to 24 inch shrubs, \$1.00 each; 3 for \$2.85.

5310 — Coralberry, Symphoricarpus vulgaris. A low growing shrub, with a healthy foliage, grows well anywhere, in shade or sun, even under trees. Its red berries, similar to those of the Bittersweet stay on the bush throughout the fall. 18 to 24 inch plants, 45c each; 3 for \$1.20.

5312—Cornus - Dogwood C. stolnifera. The red-bark Dogwood, which is hardy everywhere. A showy shrub at all times of the year, in large groups of shrubs, due to its brilliantly colored bark. Good summer foliage, and berries in the fall. 18 to 24 inch shrubs. 60c each: 3 for \$1.65.

Crepe Myrtle

The hardiest strain of these beautiful flowering shrubs, but requires winter protection wherever the winters are expected to be much colder than Zero. Protect with straw or leaf-mulch. Likes full sun.

5472—Purple Crape Myrtle

5473—Red Crape Myrtle

5474—Pink Crape Myrtle

Price of all Crape-Myrtles:

18 to 24 inch, blooming size, 55c each.

5479—Collection of Crepe Myrtle

One of each of the three colors listed above. All 18 to 24 in.

\$1.45 postpaid Butterfly Bush Quartet

One of each color,
4 in all

\$2.90

postpaid



Blossoms of the Crepe Myrtle.



Globe Flower

5383—Globe Flower - Kerria

A graceful shrub with slender branches, bright green foliage, and a wealth of double brilliant golden flowers through mid-summer. Reaches a height and spread of 4 to 5 ft. Nice 12 to 18 inch plants, 95c each: 3 for \$2.70.

Flowering Trees See page 26 for a most complete

Fringe Tree See Smoke Tree, page



The Honeysuckles are elegant shrubs, always clean, healthy, showy. Very hardy.

5322—Firebush Cydonia Japonica. The flowering Quince. The large, showy scarlet flowers appear all along the wood, in early spring before leaves reach full size. Can be sheared, grows 5 ft. tall, hardy anywhere. 18 to 24 inch shrubs, 55c each; 3 for \$1.50.

Golden Bell. Forsythia

The first shrub to bloom in the spring, before the leaves appear. Nice bell-shaped flowers in pretty sprays. Extra hardy, grows 6 ft. tall.

5313—Fortuna. Rich golden yellow. 18 to 24 inch shrubs, 55c each; 3 for \$1.50.

5332—Spring Glory. Soft yellow, blooms very freely, a new strain. 2 to 3 ft. shrubs, \$1.00 each; 3 for \$2.85.

Honeysuckle. Lonicera

The very hardy tall bush-type, blooming nicely in the spring, followed by berries in late summer which are ornamental as well as an attraction for your song-birds

5315-Red Honeysuckle.

5316-Pink Honeysuckle.

18 to 24 inch plants, 55c each; 3 for \$1.50.

Climbing Honeysuckles, see page 38

Extra Lilacs Choice

The finest of all fragrant flowers of early spring. Vigorous growth, a clean, healthy foliage plus an unlimited blooming ability are yours in our better Lilacs.

2 to 3 ft. shrubs, 70c each; 3 for \$1.95.

French Budded Lilacs

Grown especially for bouquets, their blossoms being particularly well developed, of beautiful color shades, and highly fragrant.

5455—Charles Jolly. Double, red-purple.

5457—Lucie Baltet. Pink and ivory.

5458-Ellen Willmott. Double white.

5463—President Grevy. Double lavender blue.

5484—Ludwig Spaeth. Very deep lilac.

Price of all Lilacs: Nice 12 to 18 inch budded shrubs, 85c each; 3 for \$2.40.

5480—Collection. 5 plants, one of each of those listed above for only \$3.75.



Hydrangeas

Very hardy sure-blooming shrubs, growing 3 to 5 ft. tall, they do well in shade or partial sun, and are in bloom throughout the greater part of the summer and fall.

Snow Also known as the American Everblooming Hydrangea, as it blooms repeatedly, flowers shaped like snow-ball pure white. 18 to 24 inch shrubs, 85c each; 3 for \$2.40. 2 to 3 ft. heavy, \$1.10 each; 3 for \$3.15.

5433—Hydrangea Paniculata
The "PG" or large flowering Hydrangea, which
turns to a brownish pink, and remains on the
bush until fall. 18 to 24 inch nice plants, 85c
each; 3 for \$2.40. 2 to 3 ft. blooming size,
\$1.10 each; 3 for \$3.15.

5431 — Blue Hydrangea best in soil that is slightly sour (acid soil), the powder to be mixed with soil at planting time, to create the acid comes with the plant. These are nice field grown plants, \$1.40 each; 3 for \$4.00.

2625 — Blue Hydrangea This is the same as the above, but in pot-grown size, lyear old, easy to start, 40c each; 3 for \$1.05.

Mock Orange

Nothing can fully equal the fragrance of the Mock Orange, blooming in early summer. Straight upright growth, great hardiness, fine foliage always free from insects and disease, able to stand sun or shade, any kind of soil are some of the added qualities of the Mock Orange. All prices postpaid.

5477—Mock Orange Virginalis Pure-white, large flowering double. 18 to 24 inch plants, 85c each; 3 for \$2.40. 2-3 ft. shrubs. \$1.05 each; 3 for \$3.00.

5321—Mock Orange Coronarius

Grows extra tall, up to 10 ft.
Single white with golden center.

18-24 inch plants, 50c each; 3 for \$1.38. 2-3 ft.
shrubs, 65c each; 3 for \$1.80.

5491—Mock Orange Snowflake A new hybrid variety, 6 ft. height, few shrubs bloom so profusely. It will be an addition to your garden which you will love. 18 to 24 inch nice plants, \$1.25 each; 3 for \$3.60.



Hydrangea Paniculata Grandiflora

5434—Hydrangea Trio

One each of the 3 Hydrangeas, the Blue Hydrangea field grown

\$3.50



Mock Orange Virginalis-very fragrant.



Like a florist's spray, a branch of Weigela Rosea.

Weigelas

They bloom over a long period through late spring and early summer. Their height of 4 to 5 ft. is ideal for grouping and border work. Hardy, with a leaf-mulch in the extreme North.

5325 — Weigela Rosea Large flowers. 18 to 24 inch plants, 55c each; 3 for

5450 — Snowball Viburnum opulus sterile. The Old fashioned Snowball, a grand shrub growing to 12 ft. height, and delivering an almost unbelievable wealth of flowers through late spring and early summer. Likes a shade place, and plenty of water. Hardy everywhere. 18 to 24 inch shrubs, 95c each; 3 for \$2.70. 2 to 3 ft. extra heavy, \$1.20 each; 3 for \$3.45.

5329—Weigela Eva Rathke
Ruby-red. 18 to 24 inch, 80c each; 3 for \$2.25.

5326 — Weigela Variegated

Pink flowering, leaves green with golden border. 18 to 24 inch shrubs, 80c each; 3 for \$2.25.

5324—Tamarix Hispida Grows fairly bushy to a height of 10 feet, can be kept lower by pruning. The first sprays of fine pink appear in June, continuing through the greater part of the summer. Tamarix are immune to saline or alkaline soils and water. Very hardy. 2 to 3 ft. fine strong shrubs, 70c each; 3 for \$1.95.

Shrub Roses

They never freeze back, grow to nice bush shapes with a lustrous foliage that is free from insects and disease.

shapes with a lustrous foliage that is free from insects and disease.

5092 — Amelia Graveneaux

Pretty carmine-red flowers on long stems. 2 year old nice plants, 85c each; 3 for \$2.40.

5096 — Red Grootendorst

Blooms throughout summer and fall, in pretty clusters, the individual rose like a red carnation. Height about 3 feet. 2 year shrubs, 90c each; 3 for \$2.50.

5093 — Chinese Golden -

Hugonis A very tall grower, often 8 ft. high, blooming beautifully in May, in a shimmering gold color. 2 year plants, 80c each; 3 for \$2.30.

5261—Collection

One of each of the three roses shown above, all nice strong plants, the 3 for \$2.15: postpaid.



Chinese Golden Rose makes a large showy bush



Spireas

5436—Spirea Anthony Waterer

A Dwarf Spirea of about 2 ft. height, nice upright growth, the crimson flowers in flat panicles carried above the foliage. Almost everblooming, and with its even height, and showy color an excellent shrub for permanent border. In the extreme North apply a leaf-mulch for winter protection. Does well in full or partial shade. 15 to 18 inch good strong shrubs, 70c each; 3 for \$1.95.

5443—Spirea Prunifolia This is the original true Bridal wreath, which blooms very early in the spring, before the leaves appear. At that time the double florets of this Spirea cover the branches to their entire length, and so completely that it truely resembles a bridal-wreath. Very hardy. Grows about 4 ft. tall. 18 to 24 inch extra nice shrubs, 95c each; 3 for \$2.70.



Spirea Anthony Waterer

5438—Spirea Billardi This is the Pink Billardi, which blooms through mid-summer, in large fluffy

which blooms through mid-summer, in large fluffy flower spikes. Extra hardy, and draught resistant, with stout canes and branches, for hedge-work and foundation planting. Grows 5 to 6 ft. tall, and by spring pruning can be kept lower. 2 to 3 ft. shrubs, 60c each; 3 for \$1.65.

5444—Spirea Van Houtti - Bridal Wreath

Always hardy, clean and healthy, of easiest culture. Always sure to put on a grand 3-week show of blooming through late May and early June, when each shrub resembles a snow-drift. As a single shrub, in groups, for foundation planting of a flowering hedge, this Spirea makes good, in any locality, in sun or shade.

	18-24 inch nice plants	2-3 ft. shrubs	3-4 ft. extra heavy
Each	\$.35	\$.45	\$.65
3 for		1.20	1.80

A special size of Spirea Van Houtti for planting of a beautiful flowering hedge, see page 28.



Billardi Spirea

Planting of Shrubs

The shrubs we furnish are carefully selected for healthy specimens with well developed root-systems. Plant them about I inch deeper than grown in the nursery, using good top-soil to fill in around the roots (no fertilizer added). Water well after planting, to settle the soil. The process of planting shrubs and trees is simple, it does not need an expert, and it is work you enjoy, not a hard job.



Spirea Van Houtti

extra hardy Climbers

5525-Goldflame Honeysuckle

In bloom throughout summer and fall, clusters of lovely red trumpets with golden centers and very sweet scented. The vines reach a height of 15 feet, and are hardy, free from insects and disease. Does well in sun or partial shade. One of the finest flowering vines in existence. Nice strong plants, 95c each.

5539—Hall's Honeysuckle Much like the Goldflame in continuous blooming, but the flowers are ivory white, and smaller, the foliage is of a blue-green shade, and more dense than the former. Easy to grow. Blooming size plants, 40c each.

5537—Bittersweet In great favor because of its bright-orange berries, in neatly arranged clusters, which are so pretty in winterbouquets. Hardy everywhere, but two plants should be set out to insure pollenizing, and berries. **Each 45c.**

5538—Boston Ivy Clings to stone and brick walls, and does best on the North and East side of a building. A very hardy foliage vine, with shiny dark green leaves. Nice 2 year old plants, 55c each.

5532—Silver Lace Vine The most rapid growing of all vines, can be grown in full sun, resists draught remarkably well. Blooms in large lacy white panicles throughout summer and fall. Disease resistant, and free from insects. Well rooted plants, 75c each.

5542 — Purple Wistaria The vines of Wisterias are tough (not coarse) and resist strong wind on exposed trellis work. Foliage very dense, and free from disease. Our Wisterias are propagated from blooming wood, they are sure to bloom, and will start blooming within two or three years after planting.

Lathyrus
Hardy
Everblooming
Sweet Pea

Grows easily to a height of 6 to 8

Grows easily to a height of 6 to 8 feet in one season, and the root will produce all entirely new vine-growth every season. Begins to bloom in June and continues until late in the fall. Always in bloom. A good and healthy foliage, hardy everywhere. Nice on the trellis or in a bouquet.

2324—Lathyrus Crimson King 2325—Lathyrus Rose Queen 2326—Lathyrus White Queen

All nice strong plants, will bloom the first season, 2 for 65c.

5544 — Pink Wistaria Like the purple

Wistaria in all respects, blooming in large clusters of fragrant flowers, like Grapes, through late spring. Wistarias are hardy, and will remain for many years, improving in blooming capacity with age. Each \$1.25.

Clematis

2610—Jackmani Purple - blue. The best known of the large-flowering Clematis, its great stars of flowers continue to appear through summer and fall. Nice potted plants for easy starting, **80c each.**

2613—Crimson Star One of the new varieties, blooms very freely, and like Jackmani a wonderful bloomer, covering trellis work nicely up to 8 ft. **Potted plants, \$1.00 each.**

2618 — Clematis Paniculata

The small-flowering, fragrant white Clematis which blooms very freely through the fall weeks. It is a stronger grower than the large flowering varieties, and like all Clematis, it is hardy with a mulch of leaves for winter protection in the North. 60c each.

2611—RamonaVery large, lavenderblue blossoms, of the same star-shape as Jackmani and Crimson Star. For all Clematis grown in sunny places, we recommend a light mulch of wood-shavings around the plant, to keep the soil cool. In shaded locations this is not necessary. **Nice potted plants, 80c each.**

2615—Clematis Collection

1 Crimson Star

1 Jackmani

1 Ramona

All three, potted plants, easy to plant, sure to start \$2.35

postpaid

Climbing Roses see page 4.





3706—Regal Lily Grows to a height of 2½ feet, and blooms in June and July. A very attractive, fragrant lily, with large waxy-white trum pets in beautifully arranged flower crowns. Plant 7 inches deep. Nice blooming size bulbs 5 to 6 in. circumference, 2 for 50c; 6 for \$1.38; 10 for \$2.10.

3701 — Golden Gleam

Plant 4 inches deep. The pure golden yellow flowers, its waxy petals gracefully recurved, appear in great wealth through late June and July, at a height of about 18 to 24 inches. Nice bulbs, 50c for 2; 6 for \$1.35.

3704—Red Coral Lily Plant 3 in ches deep. A spring blooming lily, about 18 inches high, with many brilliant-red recurved flowers. 2 bulbs, 45c; 6 for \$1.25.

3700—Flame Lily Plant 4 inches deep. The fiery orange red lilies in clusters of three to six, on 20 inch stems, are at their best through late June and July. 2 bulbs, 85c; 6 for \$2.40.

3710—Estate Lily Plant 6 inches deep. Also called the hardy Easter Lily. Blooms in mid-summer, flowers like the Easter-Lily, large, white, fragrant. 65c each: 3 for \$1.75.

3703—Henryi Lily Plant 6 inches deep. Blooms in fall, 30 inches tall, bright yellow flowers with brown spots. 48c each; 3 for \$1.25.

3708—Lily Garden

l of each of the 6 Lilies listed above

\$2.10

3723—Rubrum Lily Plant 6 inches Blooms in late summer and fall, about 24 inches tall, Howers waxy, ruby and scarlet on white base. Each 65c; 3 for \$1.75.

3702 — Double Tiger Lily Plant 4 inches deep. Scarlet orange, with black

spots, 24 inches high, blooms in late summer. 2 bulbs 45c; 6 for \$1.25.



Our Peonies Are All Guaranteed Double

extra choice **Peonies**

These Peonies, all double varieties are the favorites of gardeners who know Peonies. Of the hundreds of varieties, these are of outstanding beauty:

3311—Edulis Superba Midseason, pink, always sure to bloom.

3310—Felix Crousse Early, Rosered, very double.

Maxima Early mid-3312 — Festiva season, finest double white.

Price of the 3 Peonies listed above: 75c each; 3 for \$2.10; all 3 to 5 eyes per root.

3307—Karl Rosenfield Mid - seadouble, darkest crimson.

3348—Lillian Gumm Late, bright pink, with

ruffled outer petals.

Price of Karl Rosenfield and Lillian Gumm; 80c each: 3 for \$2.25.

3314—Peony Special

the 3 1 double Red l double Pink for l double White

All our peonies are large, strong roots, with 3 to 5 eyes. Available spring and fall.



America's Finest DAHLIAS

3451—Dahlia Garden

1 of each: Avalon Jersey Beauty Jane Cowl Mrs. I. de Ver Warner Mrs. Geo. le Boutillier New York Market

all 6 for only

3410 — Avalon Unfading canary yeldouble, on strong stems. 40c each; 3 for \$1.10.

3415—Mrs. Geo. Le Boutillier Full double, satiny ruby red, very large. 45c each; 3 for \$1.25.

3413—Jersey Beauty Clear pink, large double, a popular favorite, 45c each; 3 for \$1.25.

3417—Mrs. I. de Ver Warner Bright pink with shades of lavender, very double, on strong stems for a cutflower. 40c each; 3 for \$1.10.

3416—New York Market Double white, with a light cast of pink. Very good. 45c each;

3414—Jane Cowl Apricot gold with rose center, very double with good stems. 40c each; 3 for \$1.10.

3610—Begonia Double Camellia Flowered.

These bulbs, planted in the spring in shade or partial shade, produce a wealth of lovely flowers. Also suitable for pots and window boxes. Bulbs must be dug in late fall, stored like Glads, Cannas or Dahlias, for the winter. Your choice of color: dark red, pink, yellow, and white. 2 for 50c; 6 for \$1.40.

3621 Collection all for

3 of each of 4 different \$2.50 colors, our choice,

Pompon Dahlias

Bloom all summer and fall. Flowers intensely double for bouqueis. About 2 inches in diameter, plants of dwarf bushy growth.

3425—Morning Mist White with rosy - lavender overcast. Each 50c.

3426—Yellow Gem The finest yellow blooms continuously. Each 50c.

3427 — Rosa Wilmouth Rosea pretty cutflower. 50c each.

3429 — Red Sylvia Shiny carmine bouquets. Each 50c.

3458—Pompon Ouartet One of each of the above 4 Dahlias

postpaid

Tuberose

3600—Mexican Tuberose The sureblooming fragrant Tuberose with the waxyblooming tragrant Tuberose with the waxy-white flowers, through late summer and fall. Can stand full sun and a dry place. A fine flower for groups in flower beds, and very desirable for late-summer bouquets. Store the bulbs for the winter like Gladiolas. Plant 3 to 4 inches deep. 4 bulbs 55c; 10 for \$1.25.

All prices in this book include postage and our guarantee for safe delivery.





Sure Blooming

Cannas

Large Flowering

The lustrous foliage, stout straight stems the wide range of colors in the gigantic flowerheads, contain everything that is needed for a big, showy flower-bed. In round or square beds on the lawn, or in rowplanting as background of a flower bed, Cannas never fail to produce astonishing results.

Plant bulbs 3 to 4 inches deep. Nice blooming size bulbs, 45c for 3; 10 for \$1.25; postpaid.

3513—Richard Wallace Large canary yellow. Green leaves.

3511—Hungaria Rosy pink with ivory edge. Green

3512 — Statue of Liberty Flame-red. Bronze leaves. Very tall.

Caladium

3601—Green Leaf The old-fash-ioned Elephants Ear, with the extremely large leaves. Fine for borders and near pools. Its tropical appearance is always admired. Bulbs to be planted 3 inches deep. Take up in the fall for winter storage, dry. 2 bulbs for 55c; 6 for \$1.50.

3605—Picture-leaf Caladium

Grows 18 inches high, with its large leaves like painted shields retaining their showy colors throughout the season. Near the pool, in groups, or for borders of flower beds these Caladiums will supply color from mid-summer to fall. Plant the bulbs 2 to 3 inches deep. Take them up in the fall for winter storage like Glads. Plant 12 to 16 inches apart. I white and green, I crimson with scarlet vains on green base, I bright red with green margin, all three for 95c.

3510 — President Large scarlet flow-green leaves.

3508—Red King Humbert Mediums height, orange scarlet. Bronze foliage.

3514—Canna Collection

for 7-ft. bed

- 1 Statue of Liberty, Center.
- 5 Red King Humbert, inner circle.
- 10 President, outside row.
 plant 18 inches apart

all for \$1.85 postpaid

Fancy Callas

A lovely flower for potting and outdoor growing. Wonderful in bouquets.

3607—Yellow. 2 for 70c.

3608-White. 2 for 80c.

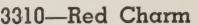
3632-Pink. 2 for \$1.10.

3634—Calla-Trio. One of each color, all 3 for \$1.00 postpaid.

Gladiolas

All blooming-size bulbs true to name—labeled.

"AA" bulbs, extra large, 5 for 55c; 12 for \$1.10 "A" fancy standard bulbs, 5 for 40c; 12 for 80c



3310—Red Charm Brilliant clear red, lightly ruffled petals. Excellent cutflower.

3127 — Black Opal Best very black-red, fine tall growth.

3119—Hawkeye Red New. Flowers extra large, tall

3140—Beatrice Watermelon pink. We are proud to offer this grand Glad to our cus-

3112—Ethel Cave Cole Very large flower spikes with up to 10 very light pink florets.

3109—Bigtop Rose-pink, immense florets on strong spikes, never fails to "steal the show."

3139—White Gold Clear light cream, shading to a gold throat. Very large. Late.

3115 — Spotlight Bright yellow with red spot. Long lasting. Late.

3116—Snow Princess Beautiful milky white with cream throat. Early. Strong

3113 — Blue Beauty Light blue, shading to violet on the edges. Spikes extra

3104—Purple Supreme Rich purple, with silver edge. Outstanding novelty, Late.

3103—Elizabeth the Queen The extra large ruffled florets in dainty lavender shade. Tall spike.

3289—Rainbow Collection

(not individually labeled)

3 bulbs of each variety listed above.

Grade "AA"

Grade "A"

36 Bulbs in all

\$3.00 \$2.25

fancy mixed Gladiolas

Only choice large flowering varieties enter this mixture, well

balanced to contain all colors.

3258—"AA" bulbs 25 for \$1.25

3259—"A" bulbs 25 for \$1.00

3262—"B" bulbs 25 for 65c

Guarantee and Planting Instruction

The Gladiolas listed here are shipped to you directly from the famous Winne's Gardens. They are guaranteed true to name, and to bloom if planted as follows: Dig the ground up deeply. Plant 4 to 6 inches deep. In heavy soil not quite so deep. Plant not less than 6 inches apart, in full sun. Water to the equivalent of 1 in. of rain per week. Keep bed free from weeds. For extra large spikes apply a top-dressing of Vigoro fertilizer. Take bulbs up in the fall Take bulbs up in the fall. POTTICE NURSERY

TREES -- SELOS IN



Whether you buy our assorted Gladiolas or our fancy mixed, they are all strictly of the large flowering type.



Hardy Asters, always sure to put on a grand fall flower show.

hardy Chrysanthe Mums

2118—Algonquin Showy double clear yellow. Early, 18 inches

2119—Autumn Lights Copper - bronze; ble. Height 18 inches.

2120—Avalanche Queen of the Whites. Very large, double. 2 ft.

2121—Bergundy Rich deep wine-red. Double. Midseason, height 21/2

2122—Judith Anderson Pure yellow.
Button - type,

2123—Little Eskimo Very early, pure white, double ball-shaped type. 20 inches.

2124—Mrs. P. S. DuPont Two-tone peach and

2125—Red Velvet Showy deep-red. 20 inch.

2126—Rose-Glow Raspberry rose-pink; 2 ft.

Price of All Mums and Asters 2 for 70c; 5 for \$1.45; 12 for \$3.40

Cushion Mums

Their compact branching forms a cushion-shaped plant 12 inches high, covered with blossoms from mid-summer to late fall.

2113—Pink Cushion 2114—Red Cushion 2115—Yellow Cushion 2116—Bronze Cushion. 2117—White Cushion

Hardy Asters

Growing to compact 3 ft. bushes, for a brilliant fall garden. Hardy everywhere.

2202—Beechwood Challenger Crimson-red

2203-Blue Gown. Best of the blue.

2205—Harrington's Pink. Very good.

2206—Red Rover. Deep rose-red, gold center.

All Our Perennial Plants

are strong two-year-old field grown, ready for a full blooming season in your garden. Do not compare them with small pot-plants.



Chrysanthemums never fail to add color to late summer and fall.

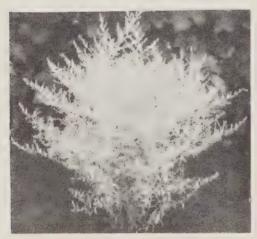
PLANTING INSTRUCTIONS

Plant Perennials in any good garden soil. Do not use fertilizer at planting time. If fertilizer needs to be added to the soil later on, it is best applied to the surface of the soil, not in contact with the roots, preferably late in the fall. Plant so deep that the center leaves (the heart of the plant) are not covered, but all the roots want to be completely in the ground. Water each plant right after planting. This settles the soil, and starts new root growth immediately. Through the summer an occasional light cultivation of the soil produces more flowers and stronger plants.





Columbines For garden and Rockery.



2303—Artemesia Silver King very shour foliage throughout Very showy silver spring until fall. Can be sheared to even forms.

2 3 0 2—Anchusa Myositidi-

flora Pretty, heart - shaped leaves, and blue flowers, May-June. 12 inches. Likes shade.

2564—Columbines Finest mixture of colors, all large-spurred Hybrids, sure-blooming, strong plants.

2315 — Forget - Me - Not Lovely blue flowers. Creeping habit. Likes shade and moisture.

2332—Lythrum Light-red flowers in spikes 18 inches tall. Blooms all summer. Fine for groups and borders.

2593—Delphinium, Summer Skies Produces giant spikes of flowers, over a long blooming season.

2591 — Delphinium, Black Knight The very darkest of all giant-flowered Delphiniums.

2304—Pentstemon, Firebird Grows to a height of 18 inches, with pretty ruby crimson flowers in July.

2340—Pinks The lovely bluish carpet of foliage, and dainty carnation-flowers in all shades of pink.

2345 — Platycodon - Bellflower Very hardy, of easiest culture, free from insects and disease. Flowers in all shades from white to blue. Continues to bloom if faded flowers are removed. Height 16 to 20 inches.

2387 — Pyrethrum Pretty rose-pink flowers of "Daisy-shape." Very nice in bouquets. Blooms June-July.

2341 — Sedum. Spectabilis Large clusters of bright red flowers in late summer, above a glossy gray-green foliage.

2314—Shasta Daisy. King Edward Largest and prettiest of all hardy Daisies. Blooms all sum-

2339—Sweet William Upright double flowering type in all shades of light rose to dark red.

2338—Trailing Periwinkle. Minor A glossy green creeping ground cover plant. Evergreen, Hardy anywhere. Likes shade.

2573—Violet - King Edward Blooms in spring and fall. The large, fragrant deep-blue.

2337—Veronica Blooms all through the summer in form of spikes of blue flowers, 18 inches tall. Succeeds anywhere.

Prices

of all plants on this

Page

postpaid 2 for 70c 5 for \$1.45 12 for \$3.40

These plants are guaranteed to reach you in first class condition. They are out-door grown. Do not compare them with cheap poted plants.



2500 — Lily of the Valley

The prettiest flower of the spring. Very frag.ant, likes shade, forms a dense blooming mat under large trees. Clumps of 5 pips, 55c.

2557—Bleeding Heart The old-fashioned type. The well known spring flower, deep-rose, heart shaped on gracefully arched branches. Very hardy. Strong healthy roots, 85c each; postpaid.

2511—Goldie's Wood Fern Almost evergreen, with beautiful 2 ft. fronds. Likes shade. 35c each.

2510 — Ostrich Plume Fern Tallest growing out - door fern, with 3 ft. fronds. Likes shade. 35c each.

2547—Pampas Grass Grows to a height of 10 feet, gradually developing a large clump of 20 to 30 canes, each bearing a large showy plume. A lasting, hardy plant. Strong roots, 72c each; postpaid.

2501—Baby's Breath - Bristol Fairy

These are strong roots, of blooming size, will give you a great flower display the first season. The true Bristol Fairy, grafted plants, which produce the large sprays of dainty white flowers. 90c each.

2546 — Carnation -Crimson Blooms all summer, an extra fine hardy Carnation, 18 inches tall. 45c reach.

3721—Hemerocallis Flava The deep-yellow Lemon-lily, hardy everywhere, 18 inches tall, blooms in early summer. 2 for 58c.

3720—Hemerocallis Hyperion This new strain of Daylily, citron-yellow, blooms all summer. A beautiful flower. **45**c each.

hardy Phlox

Extra strong - sure blooming plants. Any 2 for 75c; 4 for \$1.39 postpaid.

2014—Africa Brilliant carmine, blood-red eye. Flowers large, compact.

2051-B. Comte Rich-red, well shaped flowers. A very healthy grower.

2012—Beacon Salmon - red; very showy, uniformly shaped flowers.

2015 — Caroline Vandenberg Lilac blue; very

2009—Mary Louise Pure silvery white, of unusually large size.

2044—Prime Minister White florets, with lilac eye, very

2050—Phlox Collection

One of each Phlox listed above

all 6 nice, strong plants

postpaid

2567—Creeping Phlox The Sublata Phlox which is perfectly hardy, and grows a dense rich green carpet, like moss. Covered with dainty flowers in all shades of red, white and pink. 2 for 75c; 4 for \$1.39; postpaid.



Delphinium Summer Skies.



Hardy Phlox for groups or borders. They bloom when flowers are scarce, early summer. Our plants will bloom the first year.



SEED DEPARTMENT

On these pages you will find everything that is new and good in garden seeds. Fancy, easy to grow flower seeds. Vegetable seeds to make your 1950 garden the envy of your neighborhood.

Garden Seed and Flower Seed ALL POSTPAID. Safe Delivery Guaranteed by one of the best Seed Houses in America.

Under the agreement we have with this supply house, our customers are assured of fresh, clean seeds, and speedy, efficient service.

ASTERS

1031. Wilt Resistant. A mixture of three giant blooming Asters, Pink, Crimson and Purple. Long stemmed. Pkt., 10c, postpaid.

AGERATUM

1013. Blue Star. A free blooming edging plant with dense heads of fluffy azure blue flowers. Pkt., 10c, postpaid.

ALYSSUM

1015. Carpet of Snow. (4 in.) Best for edging and borders. Fragrant and always full of bloom. Pure white blossoms. Pkt., 10c. 1017. Finest Mixed. (4-6 in.) Yellow, lavender and white honey-scented blooms. Pkt., 10c.

BACHELOR'S BUTTON
1070. Mixed Colors. Continuous bloom. Purple, crimson, lavender, lilac, blue and pink, all in one packet. Easy to grow. Pkt., 10c, postpaid.

BALSAM 1053. New Bush Flowered. (12 to 15 in.) Clusters of double rose-like flowers in shades of white, rose and red. Thrives anywhere. Makes nice cemetery planting. Pkt., 15c.

BURNING BUSH
1055. 21/2 to 3 ft. annual hedge plant. Resemble a close-clipped evergreen. Trim any shape. Blood red in the fall. Pkt., 10c.

CASTOR BEAN

1069. Giant plants, ornamental foliage. 6 to 8 ft. tall. Pkt., 10c; oz., 20c, postpaid.

COCKSCOMB

1053. Grows to 21/2 ft. with many branches, each ending in a rounded wooly flowerhead of glowing crimson. Mid-summer until frost. Pkt., 10c, postpaid.

COSMOS

1079. Radiance. A new, sensational color combination, soft rose with deep crimson center; blooms are large, come in great profusion; beautiful. Pkt., 15c, postpaid.

1086. Orange Flare. Golden Orange flowers. 3 ft. tail; blooms early. Lovely for bouquets. Pkt., 10c, postpaid.

1083 Sensation Mix. The giant Cosmos. Largest flowering of all. Blooms 4 to 6 inches across. Pure white, deep pink, and crimson. Pkt., 10c; 3 pkts., 25c; postpaid.

FOUR O'CLOCK

1124. Bush-like plants with hundreds of starlike flowers in all colors. Opens at 4 o'clock. $2^{1}/_{2}$ ft. **Pkt.**, **10c**, postpaid.

ORNAMENTAL GOURDS

1338. Mixed. Small fruited in many odd shapes and colors. Use for table decorations, bird houses, dippers. Pkt., 10c, postpaid.

LARKSPUR

1159. Imperial Mixed. Tall spikes, gorgeous colors; finest for cutting. A grand mixture of the finest colors. Pkt., 10c, postpaid.

MORNING GLORY

1347. Scarlet O'Hara. The great big red morning glory of dazzling beauty. Grows 12 to 15 ft. Pkt., 15c; 2 for 25c; postpaid.

1346. Heavenly Blue. Clear sky blue flowers cover the vine growth of 15 to 20 feet Pkt., 10c; 3 for 25c, postpaid.

NASTURTIUMS

1197: Miracle Mixture. A gorgeous array of all colors, including the Double, Semi-Double and Super-Double types. Fragrant and very free-flowering. Pkt., 15c; 2 for 25c, postpaid.

SWEET PEAS. 1319. New Cuthbertson Mixed. Larger flowers—longer stems—really heat resistant. A new race of Sweet Peas that do especially well here in the Middle West. A Grand assortment of the best showy colors in one fine mixture. Big Jumbo Size Packet, 25c, Postpaid.



PANSY

1210. Swiss Giant Mixed. Largest flowered, in a grand color mixture. Pkt., 15c: 2 for 25c, postpaid.

PHLOX

1247. Drummondi Mixed. 10 to 12 inches tall. The brightest colored annual that grows. Bigger blooms; the finest mixture of improved strains. Pkt., 15c; 2 for 25c, postpaid.

1259. Gaiety Carnation Pinks. New Dianthus strain. The beautifully fringed flowers come in a thrilling variety of pink, red, white and maroon colorings. Pkt., 15c, postpaid.

PORTULACA

1242. Double Rose Moss.... Special double strain in a brilliant mixture of colors. Blooms continuously even on the hottest, sunniest days, and even on poor soil. Pkt., 10c, postpaid.

POPPIES

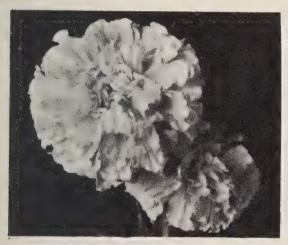
1256. California Wonder. Most easily grown and sure to bloom early for you. Grand mixture of rich yellow and bright orange colors. I ft. tall. Pkt., 10c. postpaid.

1253. Shirley Mixed. A grand assortment of the finest gay colors. Extra large flowering with the finest gay colors. Extra large flowering with the finest gay colors.

delicate satiny petals. Pkt., 10c, postpaid.

SALVIA

1262. Scarlet Sage. 11/2 to 2 ft. The best brilliant bedding plant. Can be used for cutting. Bushy plants densely covered with large, upright spikes of fiery scarlet flowers. Pkt., 10c. postpaid.



Marigolds

SCARLET RUNNER

1336. (Bean). Brilliant sprays of scarlet bloom cover the growth which reaches 10 to 12 ft. Very rapid grower. Pkt., 5c, postpaid.

SNAPDRAGONS

1020. Rustproof Mixture.—Extra large flowers on long, strong stems. Summer until frost. A grand all-color mixture. Pkt., 10c, postpaid.

STRÄWFLOWER

1263. 2 to 21/2 ft. You can't beat these for winter bouquets. Brilliant rich yellow, red, violet, straw color and white. Pkt., 15c.

VERBENAS

1283. Mixed Colors. Pink, crimson, and blue. Bloom generously and continuously. 6 to 12 inches tall and spread to 2 feet. Pkt., 10c.



Petunias

RAINBOW PETUNIAS

Brilliant flaming colors, beautiful form abundant bloom.

1215. Floming Velvet. Deep, velvety red.
1229. Balcony Blue. Rich dark blue.
1219. Rosy Morn. Rosy pink.
Pkt., 10c; any 3 pkts., 25c, postpaid.
1231. Rainbow Petunia Mixture. Our mixture of six of the finest Petunias. Pkt., 15c.

1239. Giant Ruffled Petunia Mixture. Immense blooms, delicately veined and ruffled. Red, purple and bi-colored. Pkt., 15c.

MARIGOLDS

1172. Mammoth Mission. Intensely double blooms are 4 to 5 inches across. (3 ft.) Pkt.,

blooms are 4 to 5 inches across. (5 ii.) Pat., 15c. postpaid.
1176. Pot O'Gold. Blooms 2 weeks earlier than others. Big, double blooms come on profusely until frost. Pkt., 15c. postpaid.
1173. Giant Sunset Mixed. Very large double blooms. Often 5 inches across. Long stems (3½ ft.). Pkt., 10c. postpaid.
1179. Scarlet Glow. Only 10 inches high; spreads to 18 inches wide. Perfect double flowers of most brilliant red. Pkt., 15c.
2INNIAS

ZINNIAS

Dahlia Flowered. Giant size, very double blooms are often 5 to 7 inches across. Lots of blooms, summer until frost, 3 ft. high.

1283. Illumination. Soft pink.

1289. Oriole. Brilliant golden yellow.

1286. Purple Prince. Lovely purple-blue.

1287. Fire Flame. Flaming deep red.

Pkt., 10c; any 3 pkts., 25c, postpaid

1290. Grand Mix. Some of all four listed above. Pkt., 10c; 1/2 oz., 50c; postpaid.

1306. Pastel Bouquet Zinnias. The wide variety of soft pastel colors of these bouquet Zinnias will surely delight you. Bloom profusely and are unexcelled for cutting. Pkt., 15c; 2 for 25c; postpaid. 25c; postpaid.



Zinnias

To insure the faultless assembling of your seed order, the variety numbers are very important. State them plainly.



WAX BEANS

TOP NOTCH GOLDEN WAX

126. (50 days.) "Top-notch" in every way. It is rustproof and stringless. Bears bumper crops. You can hardly see the leaves for the plump, yellow pods about 5 inches long. Big 3-oz. pkt., 15c; 1/2 lb., 33c; lb., 55c; 2 lbs., 95c; postpaid.

PENCIL POD WAX

130. (52 days.) Golden yellow, slender, smooth pods that grow 6 to 7 inches long. Always tender and stringless and a great yielder. Plant this great bean with confidence of a fine crop. Big 3-oz. pkt., 15c; 1/2 lb. 33c; lb., 55c; 2 lbs., 95c, postpaid.

LIMA BEANS

FORDHOOK POTATO LIMA

112. (68 days.) A superior, greatly improved Fordhook type which yields heavier. The big plump beans are the most delicious you've ever eaten. But the main features are consistent big yields and grand flavor. Big 3-oz. pkt., 15c; 1/2 lb., 35c; lb., 55c; 2 lbs., 95c; postpaid.

HENDERSON'S BABY LIMA

115. (65 days.) A favorite with thousands . . . because it is such a prolific bearer and has such a wonderfully delicious flavor. The tremendous yield of luscious beans will certainly thrill you. We certainly recommend this one to you. Big 3-oz. pkt., 12c; 1/2 lb., 25c; lb., 45c; 2 lbs., 85c; postpaid.

GREEN POD BEANS

BURPEE'S GIANT STRINGLESS

102. (49 days.) The standard of them all. Big 6-inch pods. Tender and plump with no strings at all. Very early. A wonderful yielder. Big 3-oz. pkt., 12c; 1/2 lb., 30c; lb., 50c; 2 lbs., 90c, postpaid.

TENDERGREEN

104. (52 days.) Best of the improved green beans. Firm, tender pods are really stringless. They are often 7 inches long. The flavor is the best you've ever enjoyed. New Tendergreen is a great and dependable yielder. Big 3-oz. pkt., 15c; 1/2 lb., 33c; lb., 55c; 2 lbs., 95c; postpaid.

POLE BEANS

KENTUCKY WONDER POLE BEAN

135. (65 days.) Heaviest yielding green pod snap bean. If closely picked it will continue bearing until frost. A peck can often be picked from a single vine. It is a strong climber. A fat, meaty, brittle pod with a delicious flavor all its own. A great standby for years. Big 3-oz. pkt., 12c; 1/2 lb., 27c; lb., 48c; 2 lbs., 90c, post-paid.

SQUASH

730. Table Queen. (55 days.) The No. 1 table squash. It's small, so you can get two servings out of each one. About the size of a cocoanut. Fresh rich orange yellow and has fine flavor. Pkt., 10c; oz., 23c; 1/4 lb., 60c, postpaid.

712. Butternut. (85 days.) Far and away the best squash. It is so smooth and delicious you will be delighted. Nothing like it for fine texture and delicious flavor. 8 to 10 inches long—and most all of it solid meat. Pkt., 10c; oz., 35c; 1/4 lb., 95c; postpaid.

720. Chicago Warted Hubbard. (95 days.) A great winter keeper. Has rich, golden yellow colored flesh. Fine grained and dry. Queen of the winter baking squash. Pkt., 10c; oz., 25c; 1/4 lb., 65c; postpaid.

To insure the faultless assembling of your seed order, the variety numbers are very important. State them plainly.



BEETS

DETROIT DARK RED

205. (60 days.) In our estimation the best main crop and canning beet. It cans dark red. Detroit Dark Red is a globe-shaped beet. Equally good for canning, pickling or winter storage. Pkt., 10c; 1/2 oz., 20c; oz., 33c, postpaid.

BABY CANNING BEET

203. (54 days.) Best canning and pickling beet yet developed. Perfect globe - shaped, smooth and uniform with deep crimson color throughout. Grows 3 inches across—the finest pickling beet you ever tasted. Pkt., 10c; 1/2 oz., 22c; oz., 35c; postpaid.

EARLY WONDER

206. (50 days). The finest extra early beet. A week or more ahead of Detroit Dark Red. Blood red all the way through. Large, semi-flat with rounded bottom. Uniform, fine grained, good fllavor. Smooth, clear skin. Pkt., 7c; 1/2 oz., 18c; oz., 27c, postpaid.

Big 3 Beet Collection No. 66

1/2 oz. Baby Canning (22c)

1/2 oz. Early Wonder (18c)

1/2 oz. Detroit Dark Red (20c)

Regular 60c Value

All for Only 50c, postpaid

STOCK BEETS

216. (95 days.) Yields up to 40 tons per acre—roots often weighing 15 to 20 pounds each. Frequently grow 2 feet or more long with half growing out of the ground to make harvesting easy. 1/2 oz., 15c; oz., 25c; 1/4 lb., 75c, postpaid.

CAULIFLOWER

330. Early Snowball. (55 days.) The best early strain. Pure white solid heads. The heads are 6 to 7 inches thick. Weight $1\frac{1}{2}$ to 2 lbs. Pkt., 15c; $\frac{1}{4}$ oz., 85c, postpaid.

KOHLRABI

950. Early White Vienna. Finest and best improved strain. Cross between cabbage and turnip; superior in flavor to any of the cabbage group. Tender, crisp flesh is delicious either raw or cooked. Easy to grow, sure to crop. Pkt., 10c: 1/2 oz., 25c: oz., 45c, postpaid.

MUSTARD

962. Southern Giant Curled. Large curled-leaf variety. Pkt., 5c; oz., 15c; postpaid.

CABBAGE



Marion Market

MARION MARKET

235. (70 to 75 days.) Early. Sure to head. (Disease Resistant). Round, solid heads, averaging 7 inches thick. Weighs 4 lbs. Has short stems and is good for early sauer kraut and excellent for all cooking. Big pkt., 10c; 1/2 oz., 35c; oz., 60c, postpaid.

EARLY JERSEY WAKEFIELD

236. (60 to 65 days.) Disease Resistant. Extra early. Heads cone-shaped with broad base. Weighs 2 to 2½ lbs. First to mature and a favorite everywhere. Pkt., 10c; ½ oz., 35c; oz., 60c, postpaid.

DANISH BALLHEAD

244. (100 days.) Solid heads, weigh 7 to 9 lbs. Will keep throughout the winter. The extra solid heads weigh heavier than any cabbage its size. Fine grained, excellent flavor. Pkt., 10c; 1/2 oz., 33c; oz., 55c, postpaid.

CHINESE CABBAGE

260. (80 days.) Easily grown. Zest of celery combined with the fine flavor of cabbage. Beautiful folded, crisp white leaves make delicious salad, or can be prepared like cabbage. Pkt., 10c; 1/2 oz., 25c; oz., 45c, postpaid.

BRUSSELS SPROUTS

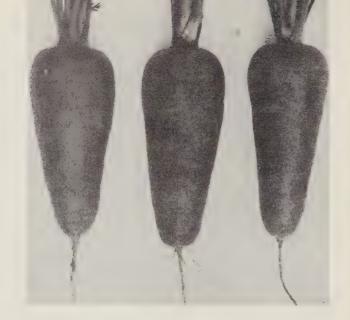
930. Small, tender and tasty sprouts like miniature cabbage. Pkt., 10c; oz., 45c, postpaid.

KALE or BORECOLE

946. Numerous dark green curled leaves. Like spinach. Pkt., 10c; oz., 20c, postpaid.

PUMPKINS

610. Small Sugar Pie. (82 days.) The real pie Pumpkin. Fine golden flesh, sugar sweet. Even a few hills will give you lots of high-quality pumpkins for fall use and winter storage. Pkt., 10c; oz., 19c; 1/4 lb., 43c, postpaid.



New Coreless

CARROTS

NEW CORELESS

300. (72 days.) One of the earliest and very fine-flavored. Sweet, tender, fine grained, crisp flesh of excellent quality. No woody hearts in this one. Grows 6 to 7 inches long, extremely uniform and one of the best home garden carrots. Beautiful rich orange-red flesh all the way through. The finest color of them all and one of the richest in Vitamin A. Pkt., 10c; 1/2 oz., 23c; oz., 35c, postpaid.

TENDERSWEET

303. (70 days.) This is the sweetest of all the carrots and it's gaining new friends by the thousands every year. It is a deep, red orange, very fine grained, smooth and really coreless. The flavor is just grand and it's crisp, too. Grows 6 to 7 inches long. Pkt., 10c; 1/2 oz., 25c; oz., 40c, postpaid.

DANVER'S HALF LONG

306. (73 days.) Thousands of customers each year come back for this grand, dependable carrot. It's one of the best for winter storage. Keeps well all winter long. Can be pulled when young, or, if you allow it to stand, it will produce smooth, uniform roots 7 to 10½ inches long and often 3 inches thick. Tender, bright orange, crisp flesh of the finest quality. Adapted to all sections and all types of soil. Pkt., 10c; ½ oz., 18c; oz., 33c; postpaid.

CARROT SPECIAL

Order No. 67

Regular Catalog Price 63c 1/2 oz. Tendersweet (25c) 1/2 oz. New Coreless (20c) 1/2 oz. Danvers Half Long (18c)

All for Only 49c, postpaid

CELERY

272. Golden Self-Blanching. (100 days.) The very finest celery in cultivation. Blanches itself to a rich creamy yellow heart with crisp, tender stalks. Pkt., 10c; 1/2 oz., 35c; oz., 65c, postpaid.

ENDIVE

282. Green Curled Rose Ribbed. (90 days.) Makes a very tasty, tender, fresh salad or can be cooked like cabbage. Pkt., 10c; oz., 20c, postpaid.

EGGPLANT

294. Black Beauty. (120 days.) Earliest and best large fruited Eggplant. Glistening purplish-black. Tender and tasty at all stages of growth. Fruits reach an enormous size and are free from spines and thorns. Pkt., 10c; 1/2 oz., 35c; oz., 65c, postpaid.

PEPPERS

CALIFORNIA WONDER

581. (68 days.) Extra large, glossy green, almost square fruit measuring 5 inches long, 4 inches wide. Crisp, juicy, mild and tender. A heavy yielder. Pkt., 10c; 1/2 oz., 40c; oz., 65c, postpaid.

RED CHILI

580. (80 days.) Best hot pepper for seasoning, canning, drying and pickling. Grows and yields heavily anywhere. Pkt., 10c; 1/2 oz., 40c; oz., 65c, postpaid.

TURNIPS

818. Purple Top White Globe. (55 days.) Perfect globe-shaped turnip. The housewife's favorite everywhere. Pure white, fine grained flesh is mild and sweet. Smooth and uniform. Keeps especially well. Pkt., 5c; ox., 15c; 1/4 lb., 35c; lb., 85c, postpaid.

RUTABAGA

832. American Purple Top. The best keeper of all the turnip-family and the heaviest yielder, too. The flesh is sweet, fine grained, buttery colored. Pkt., 10c; oz., 20c; 1/4 lb., 35c, postpaid.

LAWN GRASS SEED

2010. A combination of the finest quality of Kentucky Blue Grass and Dwarf Clover, to produce a first class lawn in record time. New Crop seeds, of highest possible germination, of the famous Maypark brand. Lb., 75c; 3 lbs., \$2.15; 5 lbs., \$3.35; 10 lbs., \$6.50, postpaid.



SWEET CORN

HYBRID 4th OF JULY

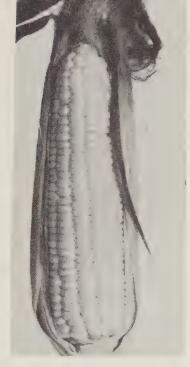
139. (64 days.) THE EARLIEST. The golden ears are 6 to 6½ inches long. 10 to 14 rows, chunky and well filled for such an early yielder. We call it "4th of July" because for years it has made roasting ears from our first very early planting in time for the 4th of July. Wonderful flavor. 3-oz. pkt., 15c; ½ 1b., 35c; 1b., 55c; 2 lbs., 98c; postpaid.

HYBRID TENDERGOLD

142. (76 days.) Famous for sweet, delicious flavor. The golden ears are large, 7 to 8 inches long, 10 to 14 rows. Especially good for holding supreme eating condition for 10 days or more. Sure to make a bumper yield. 3-oz. pkt., 15c; 1/2 lb., 33c; lb., 53c; 2 lbs., 90c, postpaid.

HYBRID COUNTRY GENTLEMAN

150. (White.) Open pollinated Country Gentleman was always a sweet, tender and deep grained sweet corn. The hybrid variety improves that fine flavor, nearly doubles the yield and brings a hybrid vigor highly resistant to corn diseases. 3-oz. pkt., 15c; 1/2 lb., 38c; lb., 65c; 2 lbs., \$1.15, postpaid.



HYBRID GOLDEN BANTAM

143. (84 days.) Still the best yellow Hybrid Sweet Corn. Yields 25 to 40 per cent more than ordinary Golden Bantam. Very tender and sweet. A cross between two fine inbred Hybrid Bantams. Stalks generally carry two 8-inch ears with 10 to 14 rows of delicious kernels. The standard of them all! Be sure to plant it. 3-oz. pkt., 15c: 1/2 lb., 35c: lb., 55c: 2 lbs., 95c, postpaid.

HYBRID STOWELLS'S EVERGREEN

151. Always a great favorite. A great yielder, wonderful flavor and tenderness. Our Hybrid Stowell's intensifies these fine traits. Sweeter, more tender and the highest yielding of all the sweet corns. Snowy white and very, very deep grained. A fine corn. 3-oz. pkt., 15c; 1/2 lb., 37c; lb., 64c; 2 lbs., \$1.00, postpaid.

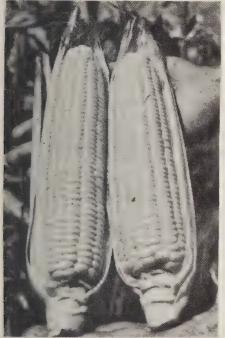


Order No. 70-Three of the very best varieties.

1/2 lb. Hybrid 4th of July, 35c.
 1/2 lb. Hybrid Golden Bantam, 35c.
 1/2 lb. Hybrid Stowell's Evergreen, 37c.

Regular \$1.07 Value, all for

Only 89c, Postpaid



POP CORN

SOUTH AMERICAN JUMBO HYBRID

158. (Hybrid K4 or Purdue 32.) In a four-year test this South American Jumbo yielded 55 per cent more than open pollinated. In a three-year test it popped 35 per cent greater volume. Giant popped kernels, the nearest hulless of any corn you've ever eaten, and the flavor and texture are excellent. Average a little better than two big ears per stalk. 1/4 lb., 20c; 1/2 lb., 35c; lb., 60c; 5 lbs., \$2.25, postpaid.

HYBRID WHITE HULLESS

160. The 'last word' in pop corn. The very finest you can grow. It is tops for fine flavor and tenderness. It is really hulless and pops to the amazing record of 26 per cent more than the open pollinated Dwarf Hulless and actually yields 16 per cent more. By all means plant this pop corn for the best in yield and the finest of flavor. 1/4 lb., 22c; 1/2 lb., 40c; lb., 65c, postpaid.

To insure the faultless assembling of your seed order, the variety numbers are very important. State them plainly



BLACK SEEDED SIMPSON

402. (46 days.) A splendid loose leaf variety. Forms large plants. Grows quickly. Tender, crisp leaves are sweet and tasty. Stands heat and drouth where other kinds have failed. Pkt., 10c; 1/2 oz., 18c; oz., 29c, postpaid.

LETTUCE

GREAT LAKES HEAD LETTUCE

411. (75 days.) This ALL AMERICA WINNER is famous for heading up in spite of unfavorable weather. Heads are only medium size but are firm and have excellent flavor. Be sure you plant Great Lakes if you like crisp, refreshing lettuce heads. Pkt., 15c; 1/2 oz., 30c; oz., 50c, postpaid.

EARLY PRIZE HEAD

404. (47 days.) One of the best known of the curly-leaved varieties. Bright green tinged with brownish-red. Very quick grower. Stays tender a long time—crisp, tender and sweet. Pkt., 10c; 1/2 oz., 18c; oz. 28c, postpaid.

CUCUMBERS



DARK GREEN ALL HEART

355. (68 days.) The smoothest and best cucumber we have ever grown in our test gardens. The darkest, richest green and, even in the medium and larger fruits, the seeds are small. Plant it for the best sliced cucumbers and the finest pickles you have ever made. You are sure to have plenty of every size you want. Pkt., 15c; 1/2 oz., 25c; oz., 40c, postpaid.

PEANUTS

630. Mammoth Jumbo. Large standard roasting peanut. Ripens very early. Stands the heat and drouth. Big yields. 1/4 lb., 12c; 1/2 lb., 23c; lb., 43c; 3 lbs., \$1.00, postpaid.

HYBRID CUCUMBER

354. Yields Heavily When Others Fail. This new hybrid proved the qualities of its hybrid vigor during the hot, dry weeks last summer. The cucumbers are very excellent, with pretty green color, well formed, about 7 to 8 inches long, 2 to 2½ inches through. Full rounded ends, with small seed cavity. You'll agree it is the champion of them all. Pkt. (Enough seeds for 5 hills). 25c. Postpaid.

NATIONAL PICKLING

358. (56 days.) The favorite with the large pickle factories. They like its uniform size, firmness and crispness. You'll like it, too. Rich dark green, flesh pure white. Grows 6½ inches long, 2½ inches thick. You can pick the little fellows for sweet pickles or let them grow to ideal middle size. Pkt., 8c; ½ oz., 20c; oz., 30c, postpaid.

PARSLEY

556. Moss Curled. (70-75 days.) Most popular. Will grow anywhere. Rich dark green; crinkled and curled. Pkt., 10c; 1/2 oz., 18c; oz., 30c; postpaid.

WATERMELONS

DIXIE QUEEN

477. (85 days.) A round melon with red flesh, deliciously sweet clear to the rind. Our customers tell us it is the finest and most tender melon they have ever eaten. Weighs from 32 to 55 pounds. This melon has the largest bright red heart of any melon we have seen. Pkt., 10c; oz., 30c; 1/4 lb., 70c, postpaid.

EARLY KANSAS

480. (85 days.) Large round faintly striped melon, 30 to 40 lbs. Large size, wonderful sweet flavor, and ability to stand hot, dry weather, Pkt., 10c; oz., 25c; 1/4 lb., 60c, postpaid.

CANTALOUPES

HEARTS OF GOLD

458. (85 days.) The top of the list for sweetness. Vigorous vines are blight-resistant and very productive. Ripens close to the rind. Small seed cavity. One of the best melons you can grow in the home garden. Sweet spicy, deep salmon colored flesh with distinct flavor. Pkt., 15c; oz., 35c; 1/4 lb., 85c, postpaid.

HALE'S BEST JUMBO

430. (80 days.) Improved Hale's Best strain, selected for its large size and fine flesh and flavor. Delicious, sweet, bright orange salmon flesh is firm and fine grained. Extra thick flesh with small seed cavity. Pkt., 10c; oz., 30c; 1/4 lb., 80c, postpaid.

PARSNIPS

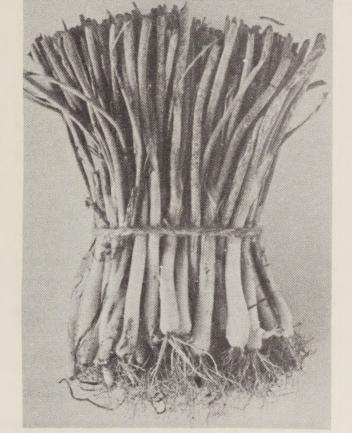
552. Hollow Crown. (125 days.) Best of them all. The flesh is fine grained, tender and clear white. Hollow Crown has light thick shoulders, grows 10 to 12 in. long, is smooth and uniform. Pkt., 10c; 1/2 oz., 15c; oz., 25c; postpaid.

OKRA

966. The big Okra pods add a fine flavor and give body to your soups. Pkt., 10c; oz., 30c.

GARLIC SETS

537. The most pungent flavor of the onion famly. For flavoring soups, salads, and stews. 10 Garlie Buttons, 10c 1/2 lb., 45c; lb., 75c, postpaid.



ONION PLANTS

Once you've seen and eaten fine big onions grown from plants, you'll always plant them. Light frosts and freezes, even a light snow, won't hurt them. So, you can put them out extra early to get a full growing season. WHITE BERMUDA for the mildest you've ever eaten. YELLOW SWEET SPANISH for a good mild onion that keeps for months.

Your choice: White Bermuda or Yellow Sweet Spanish (approximate count).

200	Plants	***************************************	0.69
300			

		DOGMENTE	

POSTPAID

ONION SETS

Excellent quality sets. One quart plants about a 30-foot row.

534. YELLOW SETS. Qt., 33c; 2 qts., 60c; 4 qts., \$1.10, postpaid.

536. WHITE SETS. Qt., 35c; 2 qts., 65c; 4 qts., \$1.19; postpaid.

ONION SEED

502. Sweet Spanish Yellow Giant. (110 days.) Excellent keeping quality combined with large size and good color makes it the most popular onion today. Very mild and sweet. Pkt., 10c; 1/2 oz., 40c; oz., 75c, postpaid.

500. Sweet Spanish White Giant. (110 days.) The largest white onion. Globe-shaped. Very mild white flesh. Pkt., 10c; 1/2 oz., 38c; oz., 75c; postpaid.

PEAS

CULTURE: First and most important, if you want a bumper yield. PLANT PEAS EARLY. Plant them 21/2 inches deep in double rows 4 inches apart (so they grow to support each other). Then put your double rows 21/2 feet apart. 1 lb. plants a 100-foot row.

LAXTON'S PROGRESS

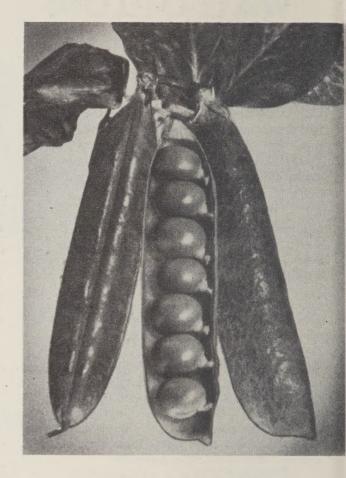
179. (62 days.) The earliest and heaviest yielding of all the large podded peas. Double the size of early kinds. Big pods have 7 to 9 big, fat, plump and sweet peas in every pod. So rich and tender! 3-oz pkt., 15c: 1/2 lb., 25c: 1b., 45c; 2 lbs., 80c, postpaid.

WILT-RESISTANT ALASKA

171. (55 days.) Earliest of all. Noted for large pod size, big crops and flavor. A great canning variety. Vines 2 to 21/2 feet tall. Seven to nine peas in each pod. 100 per cent resistant to wilt. 3-oz. pkt., 12c; 1/2 lb., 23c; lb., 38c; 2 lbs., 60c, postpaid.

INOCULATE YOUR PEAS

INOCULATE for early crops and bigger yields. May's Garden Inoculation does it for sure. 10c Home Garden Size, enough for 2 to 4 lbs. of peas, sent with directions. Only 10c, postpaid.



LITTLE MARVEL

180. (60 days.) King of all the early garden peas. Everybody likes this one, because it is noted for its quality, high yields and earliness. You can't beat it. Stands a long time in perfect condition for picking. Quality and flavor unsurpassed. Make your first planting as soon as you can get into the garden. Other plantings should follow every week. 3-oz. pkt., 12c; 1/2 1b., 25c; 1b., 45c; 2 lbs., 75c, postpaid.

SPINACH



684. King of Denmark. (45 days.) spreading plants that carry broad, rounded, very dark leaves which are somewhat crumpled. Very tender. Pkt., 10c; oz., 18c; 1/4 lb., 45c, postpaid.

685. New Zealand. (70 days.) Thrives right through hot weather and gives you wonderfully fine flavored "greens" right up to frost. When you use the top tender growth it rebranches again and again. Pkt., 10c; oz., 30c; 1/4 lb., 75c, postpaid.

680. Mustard Spinach. The leaves are very tender, dark green, long and broad and smooth. Pkt., 10c; oz., 18c; 1/4 lb., 50c, postpaid.

To insure the faultless assembling of your seed order, the variety numbers are very important. State them plainly.



RADISHES

CRIMSON GIANT

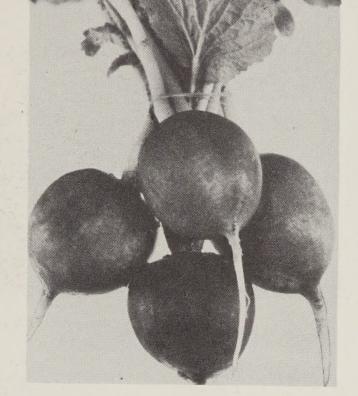
642. (28 days.) Crisp, solid, sweet, tender and twice as big as other early radishes. One of the very finest. You're missing a real treat if you don't plant Crimson Giant. Pkt., 10c; oz., 20c; 1/4 lb., 45c; lb., \$1.25, postpaid.

WHITE ICICLE

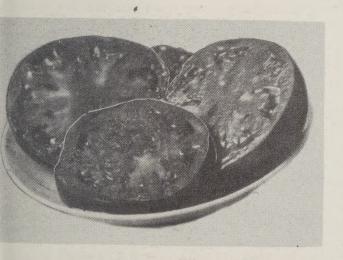
654. (27 days.) The favorite everywhere. Remains in eating condition longer than any other first early radish. They are crisp as ice. Tender and juicy. Grow 4 to 6 inches long. Pkt., 10c; oz., 20c; 1/4 lb., 45c; lb., \$1.25, Postpaid.

EARLY BIRD

640. (20 days.) The finest, uniform radish you have ever seen. Globe-shaped, bright scarlet. Crisp and tender. You'll be eating them three weeks after they are planted. Pkt., 8c; oz., 18c; 1/4 lb., 40c; lb., \$1.00, postpaid.



TOMATOES



RUTGER'S

765. (77 days.) The best large, red, main crop tomato of them all. It is the most dependable big crop tomato, too. The large, bright scarlet tomatoes ripen from the inside out, evenly all the way through. The deep red solid flesh is exceptionally fine for slicing and canning. An all around, all purpose, home garden tomato. Pkt. (over 800 seeds), 10c; 1/2 oz., 30c; oz., 55c, postpaid.



SIOUX

762. (65 days.) You can count dozens of big smooth tomatoes on the Sioux vine above. The fruit is large, extra smooth and much more meaty-solid than the old varieties. Sioux ripens uniformly to a beautiful bright red (no green shoulders or spots) and the flavor is truly delicious. Have Sioux this year. It is a great variety. Pkt., 15c; 1/4 oz., 30c; oz., 90c; postpaid.

RED CLOUD

761. (57 days.) Weeks ahead of others. Red Cloud tomatoes are firm, smooth, meaty, and medium size—exactly the kind you prefer for slicing and canning. Three to four weeks earlier than Rutger's. You can be eating Red Cloud out of your garden when tomatoes are selling for 7c to 10c apiece. Order today. Pkt., 15c: 1/4 oz., 35c: 1/2 oz., 60c, postpaid.



Premier, early, extra sweet and productive.

4007—Premier This is a well tested p.ant, resistant to leaf diseases and rot of the berries. A vigorous grower, producing strong plants, and carrying its berries well off the ground, even though they are extra large. Very sweet, ripening nice and even. One of the best June-bearing strawberries. Healthy, strong plants, 25 for 80c; 50 for \$1.50; 100 for \$2.65; 300 for \$7.35, prepaid.

4005 — Senator Dunlap

Midseason, ripens about 10 days after Premier. A solid berry which stands shipping well, therefore a great favorite on the market. Always a sure, and abundant bearer. For the main June-crop it should be in every garden. Strong No. 1 plants, 50 for \$1.25; 100 for \$1.90; 300 for \$5.40, prepaid.

4000—Gem Everbearing

Berry of nice medium size, very sweet, and produced in June and fall, in nice quantities. Does extra well through the Mid-West, a sure beater. Like all Everbearers watering during the dry summer weeks pays off in a lot of berries in the fall. Extra well roofed plants, 25 for \$1.25; 50 plants, \$1.95; 100 for \$3.45, postpaid.

4020—Minnesota Everbearer

Great hardiness of the plant, good medium size of the berries, their fine quality in sweetness and flavor (pink-meated) have brought this berry in great demand within just a few years. It bears well in June and fall. Very choice, strong plants, 25 for \$1.45; 50 for \$2.75; 100 for \$5.00, postpaid.

4030—Streamliner Everbear-

Berries almost as large as those of Dunlap, deep red, very sweet, and with an outstanding strawberry flavor. Produces a nice crop in June, some berries through the summer, and a heavy crop in the fall. Do not fail to give this berry a space in your garden. Strawberries make hice border plants. 25 nice plants for \$1.55; 50 for \$2.95; 100 for \$5.70, postpaid.

4013-Home-Garden Special

for a fine crop in June and again throughsummer and fall

50 Gem all for 50 Minnesota only

large plantings, space 16 inches apart in the row, the rows 30 inches apart. Spread roots out evenly, and do not cover plants so deep that the heart (center) of the plant is buried. Water each plant immediately after planting. This settles the soil properly around roots, and plants get off to a quick start. Don't just wait for a rain, if it comes it is so much bet

it is so much better. At planting

time fertilizer is

n o t needed. Poor soil can be fertilized in late fall.

Commercial ferti-

lizer, or barn ma-nure is recom-

mended.

Plant Strawberries

> \$4.48 postpaid.



Gem - Everbearing. Sure Crop.

